Geared Motors 3000 Range - IMfinity® Compabloc

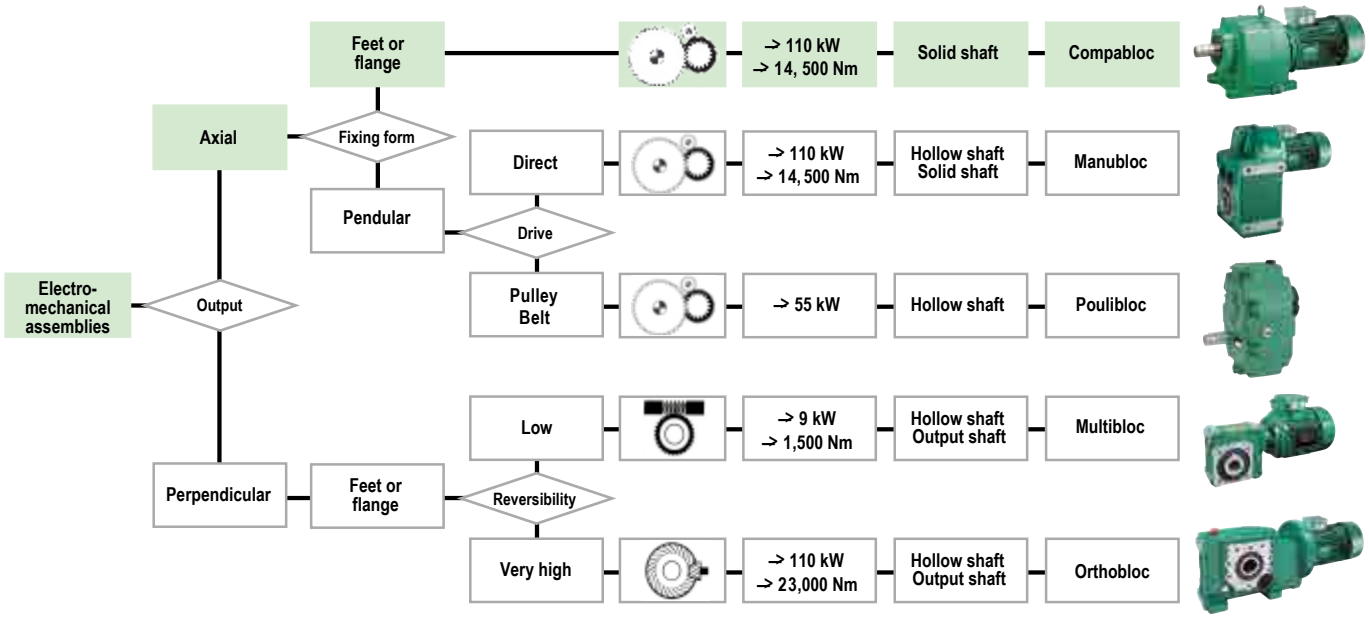
Drive systems, Non-IE, IE2 and IE3 efficiency
Variable speed and fixed speed
Sizes 15, 30 to 38
Power rating 0.06 to 110 kW

LEROY-SOMER™

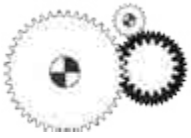
Nidec
All for dreams

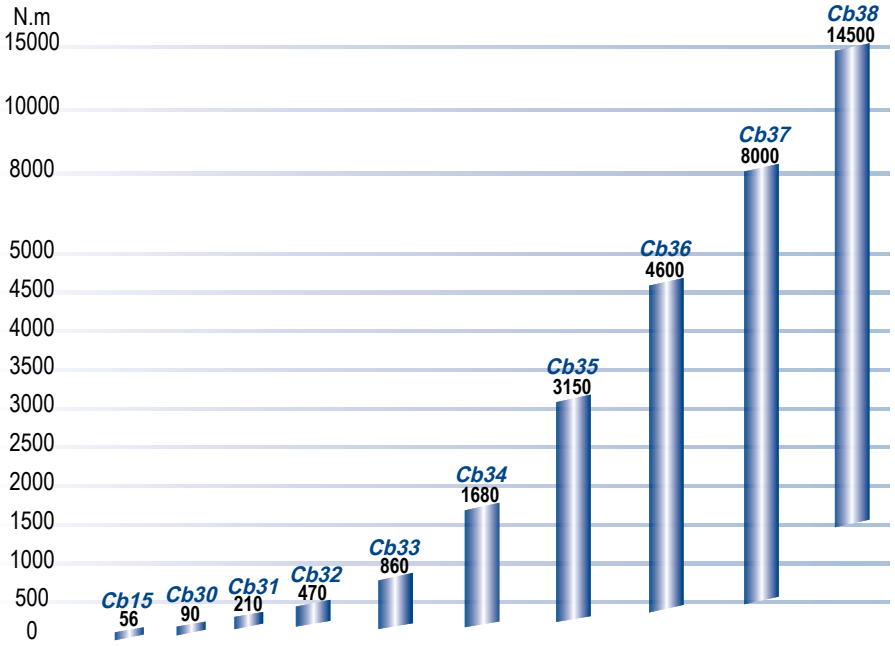
Introduction

GEARBOX OFFERS



COMPABLOC RANGE



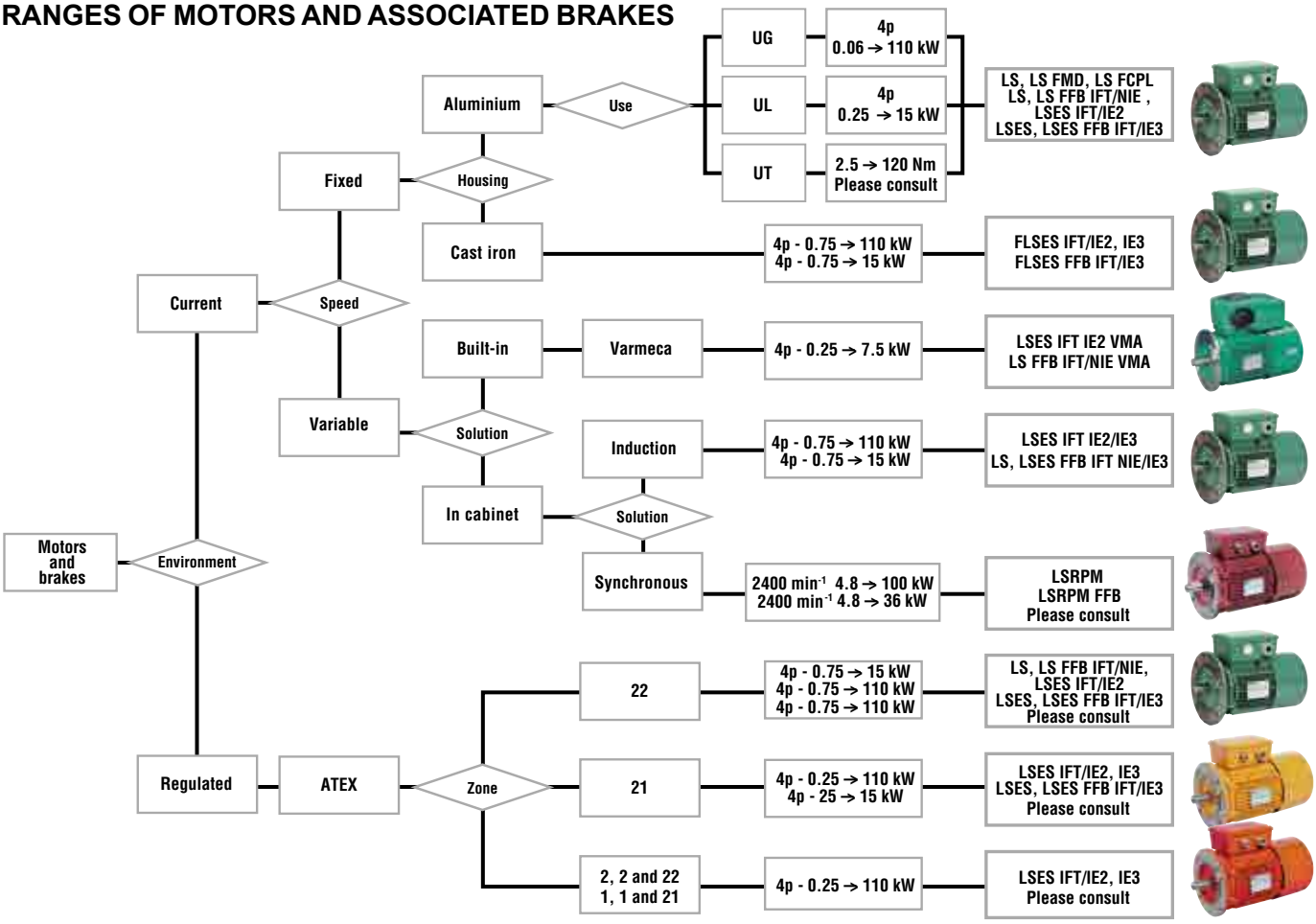


ASSOCIATED DOCUMENTATIONS

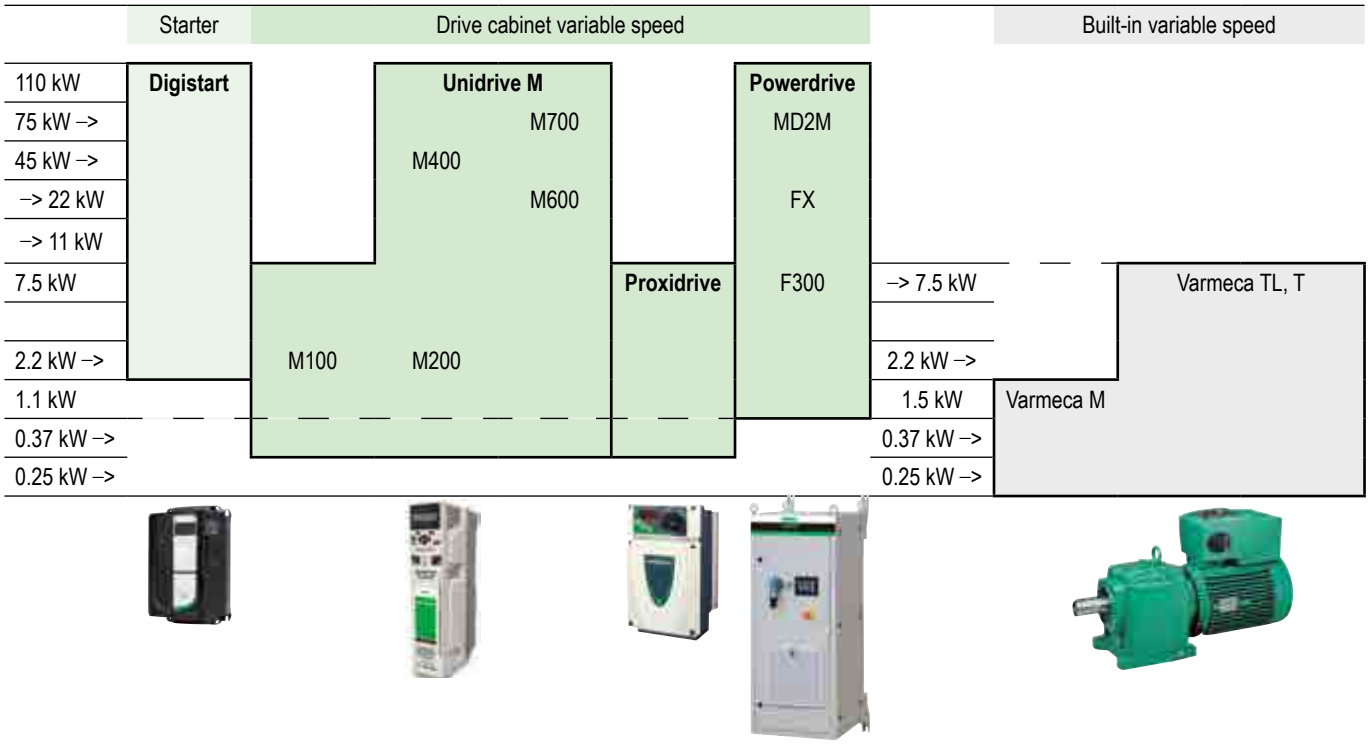
	Environment				
	Current use			ATEX regulated	
Brochure	Catalogue	Commissioning			
		Installation	Maintenance	Ex II3D II2D	Ex II 3G, 3GD, II 2G, 2GD
3969: Range 3000 Compabloc, Orthobloc, Manubloc	**3521**: Compabloc 3000 IMfinity) **5181**: Electromechanical manual	**2557**: storage and commissioning **3520**: Compabloc 3000 **5088**: lubrication kit **5217**: heat exchanger	**5060**: Compabloc 3000	**3711**: gearboxes for potentially explosive dust atmospheres	**3804**: gearboxes for potentially explosive gas atmospheres

Introduction

RANGES OF MOTORS AND ASSOCIATED BRAKES



RANGES OF ASSOCIATED DRIVES



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Glossary

AP	Input shaft
BA	Shaft extension
BS, BD, BR, BT	Flange fixing
Cb	Compabloc
D	Shaft diameter (mm)
Dim	Dimensions (mm)
E	Output shaft length (mm)
FJ	Inertia factor
FLSES	IE3 cast iron serial motor
F_R E/2	Permissible radial load at E/2
HA	Frame size
h/j	hour/day
i	Exact reduction of gearbox
IaR	Reduction ratio (approached)
Iu	Reduction available to the application
IP, IK	Protection indexes
J	Moment of inertia
$J_{C/M}$	Moment of inertia of the load applied to the drive shaft expressed in $kg.m^2$
J_M	Moment of inertia of the motor
K	Overall duty factor
Kp	Maximum possible duty factor for the geared motor
kW	Kilo Watt
LS	Aluminium serial motor not in any efficiency class or not concerned by the IE
LSES	Aluminium serial motor IE2, IE3
m	load weight (kg)
M_{eq}	Equivalent torque
M	Permissible torque
M_S	Output torque
MU	Universal Mounting
N	Rotation speed (drum, rollers, motors... in revolutions per minute)
N_E	Input speed
N_S	Gearbox output speed
N_{uS}	Useful output rotation speed
O.p	Shaft end borehole
P	Input power (kW)
P_{eq}	Equivalent power
P_{uE}	Useful input power
h	Efficicency
S	Solid shaft
S B3/B8/B6/B7/V5/V6	Foot mounting followed with operating position encoding
U.G.	General use
U.L.	Hoisting use
U.T.	Displacement use
Z (d/h)	Starting frequency of the application (d/h)

General

Compabloc geared motors with parallel gear stage adapt the electric motor speed to the machine driven.
Therefore, they are determined by the motor power (P) expressed in kilowatts (kW) and the gearbox output rotation speed (n_S) in revolutions per minute (min^{-1}).
The characteristic quantity of the gearboxes is the rated output torque (Mn_S) expressed in Newton-meter (N.m):

$$Mn_S = \frac{P \times 9550}{n_S} \times \text{efficiency}$$

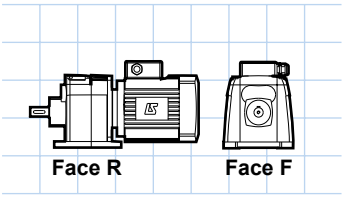
A range with ten sizes: 15, 30, 31, 32, 33, 34, 35, 36, 37, 38
Rated output torque: 10 N.m to 14,500 N.m
Power: from 0.06 to 110 kW
Reduction ratios: from 1.16 to 252
High efficiency: 95 % to 98 %
Reversible
Silent operation

Component	Materials	Remarks
Housing	Aluminium (15, 30) Cast iron ENGJL-200 (31 to 38)	- use of die-cast aluminium - use of cast iron (ENGJL-200 : lamellar graphite, 200 MPa on traction) single component perlite to ensure unit is fully sealed - monobloc ribbed with internal reinforcements to absorb vibrations and noise, and increase its rigidity - with S baseplate, BT form (Cb 15, 30 to 35) or with BS, BD flanges. They are compact and meet industrial requirements
Ni Cr Mo steel	Steel Ni Cr Mo	- cut by the gear hob, they are heat treated and then undergo final machining. The quality and precision of the gear cutting allow maximum torque with minimum noise level
Lipseals	Nitrile	- sealing ring motor side - sealed gasket with dustproof lipseal in DIN 3760 form AS - gasket under access cover on top (30 to 35)
Shaft	Steel	- grinding of sealing surfaces - key in accordance with ISO R773 - tolerance of diameters in accordance with NFE 22-051 and ISO R775 - tapped holes at the shaft end for fixing connecting devices in accordance with DIN 332
Lubrication	Oil	- in accordance with ISO 6743 / 6 - delivered with the quantity of oil corresponding to the operating position, it is fitted with drain, level and vent plugs (Cb 15 and 30-- excepted)
Mounting		- AP: gearbox with input shaft - MI: geared motor with integral mounting - MU: geared motor with IEC motor, manufactured with universal mounting
Standard motor		- LS 56 to 71, 4 poles: 3-phase multivoltage 230/400 VY - 400 VΔ - single-phase 230 VΔ - LS and LSES 80 to 315, 4 poles: 3-phase multivoltage 230VΔ - 380VY - 400VY - 415VY 50 Hz - 460VY 60 Hz / 380VΔ - 400VΔ - 415VΔ - 690VY 50 Hz - 460VΔ 60 Hz - pressed steel fan cover, on request fitted with a drip cover for operation in vertical position (shaft facing down) - LS, LSES: terminal box in composite material (56 to 112) aluminium (≥ 132) fitted with screw-on plugs (without cable gland) - IP 55 standard protection
Brake motors		- FMD: idle command brake motor, IP55 (LS 56 to 71) - FFB: idle command brake motor, IP55 (LS 71 at 160, LSES 80 at 160) - FCPL: idle command brake motor, IP44 (LS 180 to 280)
Paint	Colour RAL 6000 (green) Limited durability class Colour RAL 6000 (green) Medium durability class	- Ia system, standard series LS, LSES - Resistance to neutral salt mist: 120 h (as per ISO 9227) - IIa system, standard series FLS - Resistance to neutral salt mist: 240 h (as per ISO 9227)

Fixing type, operating positions

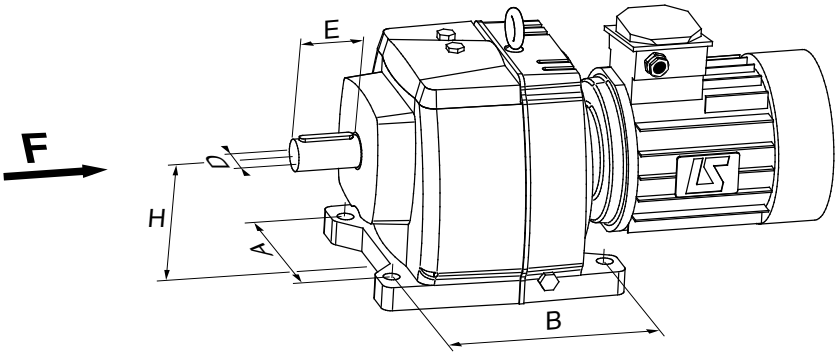
FIXING TYPES: S, SBS, SBD

Standard position: with the gearbox seen from face F, motor behind, face D on the ground.



S

Foot mounted housing



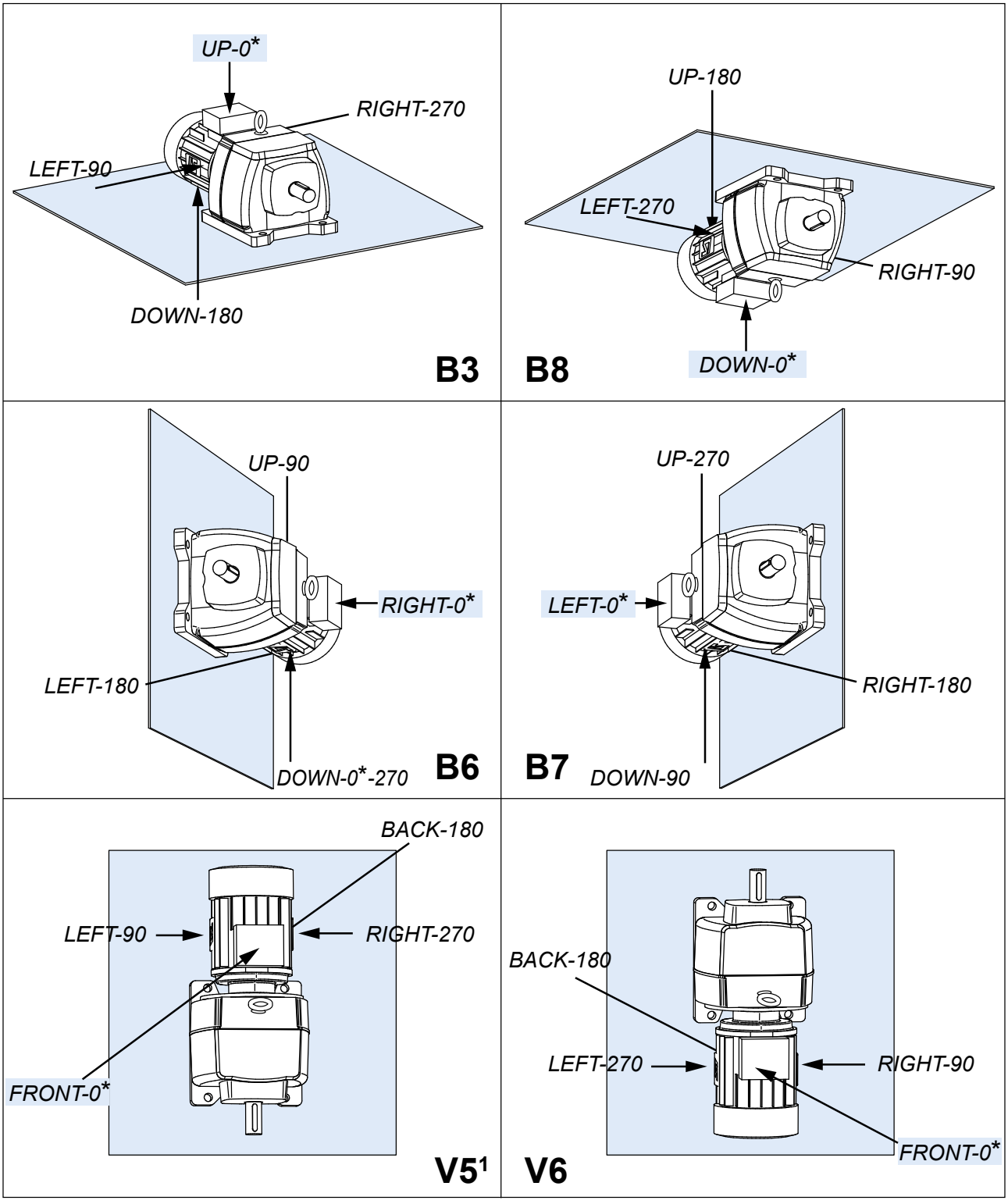
Dimensions in millimetres

Compabloc	1 stage gearbox ØD	E	A	B	H	kg
Cb 3531	45k6	90	260	160	160	41
Cb 3431	40k6	80	216	125	132	25
Cb 3331	35k6	70	190	100	112	15.5
Cb 3231	25j6	50	140	80	90	8.3
Cb 3131	20j6	40	120	75	80	6.9
Cb 3031	16j6	40	125	70	75	2.3

Compabloc	Multistage gearbox ØD	E	A	B	H	kg
Cb 3833	110m6	210	510	480	355	290
Cb 3733	90m6	170	420	390	315	192
Cb 3633	70m6	140	355	355	250	162
Cb 3533	60m6	120	280	280	225	90
Cb 3433	50k6	100	230	235	180	50
Cb 3333	40k6	80	170	240	140	30
Cb 3233	30j6	60	135	192	115	18.5
Cb 3133	25j6	50	110	165	90	13
Cb 3033	20j6	40	125	125	75	4.9
Cb 3032	20j6	40	125	105	75	4.8
Cb 15--	16j6	40	100	105	90	3.2

Operating position

The absolute connection orientation (Terminal box: high, low, right, left, front, rear) depends on the operating position chosen.
The relative orientation (0-90-180-270, trigonometric direction), which depends on the absolute position, is linked to the feet (actual or fictitious) for an observer, facing the gearbox.



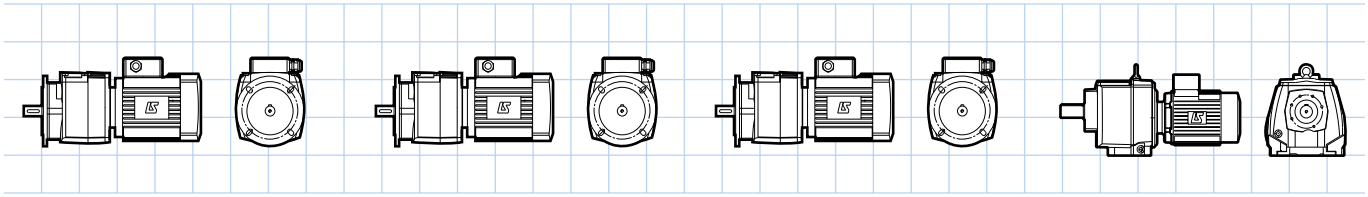
[1] *backstop forbidden*

*: Std terminal box

Fixing type, operating positions

FIXING TYPE: BS, BDN …, BR, BT

Standard position: with the gearbox seen from face F, motor behind, face D on the ground.

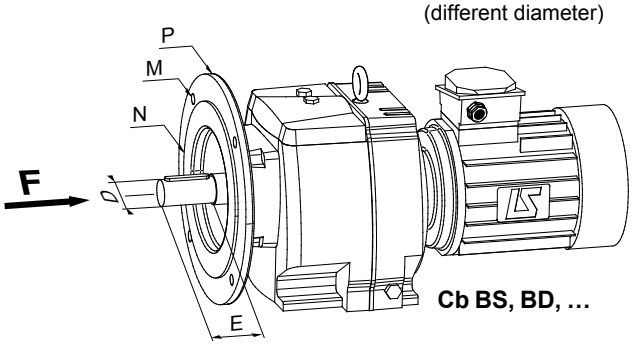


BS
Flange mounted

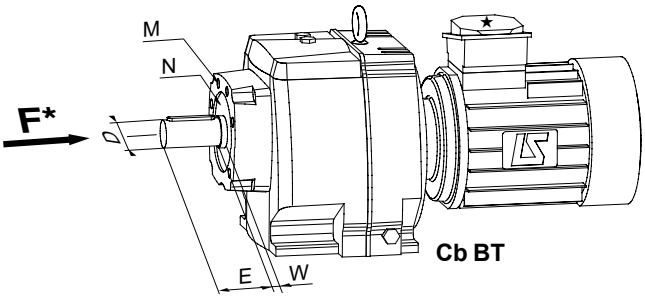
BDn...
Flange mounted
(different diameter)

BR
Reinforced
flange housing

BT
Face mounted



Cb BS, BD, …



Cb BT

Dimensions in millimetres

GEARBOXES BS, BD, …

	1 stage gearbox																	
			BS				BD1				BD2				BD3			
Compabloc	ØD	E	ØM	ØN	ØP	kg	ØM	ØN	ØP	kg	ØM	ØN	ØP	kg	ØM	ØN	ØP	kg
Cb 3531	45k6	90	300	250	350	48	265	230	300	46	-	-	-	-	-	-	-	-
Cb 3431	40k6	80	265	230	300	31	215	180	250	30	-	-	-	-	-	-	-	-
Cb 3331	35k6	70	215	180	250	19	165	130	200	18	-	-	-	-	-	-	-	-
Cb 3231	25j6	50	165	130	200	10	130	110	160	9.5	-	-	-	-	-	-	-	-
Cb 3131	20j6	40	130	110	160	8.1	115	95	140	7.9	-	-	-	-	-	-	-	-
Cb 3031	16j6	40	115	95	140	2.5	100	80	120	2.5	130	110	160	2.5	165	130	200	2.4

	Multistage gearbox																	
			BS				BD1				BD2				BD3			
Compabloc	ØD	E	ØM	ØN	ØP	kg	ØM	ØN	ØP	kg	ØM	ØN	ØP	kg	ØM	ØN	ØP	kg
Cb 3833	110m6	210	600	550	660	352	500	450	550	328	-	-	-	-	-	-	-	-
Cb 3733	90m6	170	500	450	550	228	400	350	450	222	-	-	-	-	-	-	-	-
Cb 3633	70m6	140	500	450	550	196	400	350	450	190	-	-	-	-	-	-	-	-
Cb 3533	60m6	120	350	300	400	97	300	250	350	96	265	230	300	90	-	-	-	-
Cb 3433	50k6	100	300	250	350	56	265	230	300	55	215	180	250	54	-	-	-	-
Cb 3333	40k6	80	265	230	300	34	215	180	250	33	165	130	200	32.5	-	-	-	-
Cb 3233	30j6	60	215	180	250	18.8	165	130	200	18.7	130	110	160	18.6	-	-	-	-
Cb 3133	25j6	50	165	130	200	13.4	130	110	160	13.3	115	95	140	13.2	100	80	120	13.1
Cb 3033	20j6	40	115	95	140	4.9	100	80	120	4.5	130	110	160	4.9	165	130	200	5
Cb 3032	20j6	40	115	95	140	4.9	100	80	120	4.5	130	110	160	4.9	165	130	200	5
Cb 15--	16j6	40	100	80	120	2.9	85	70	105	2.8	115	95	140	3	-	-	-	-

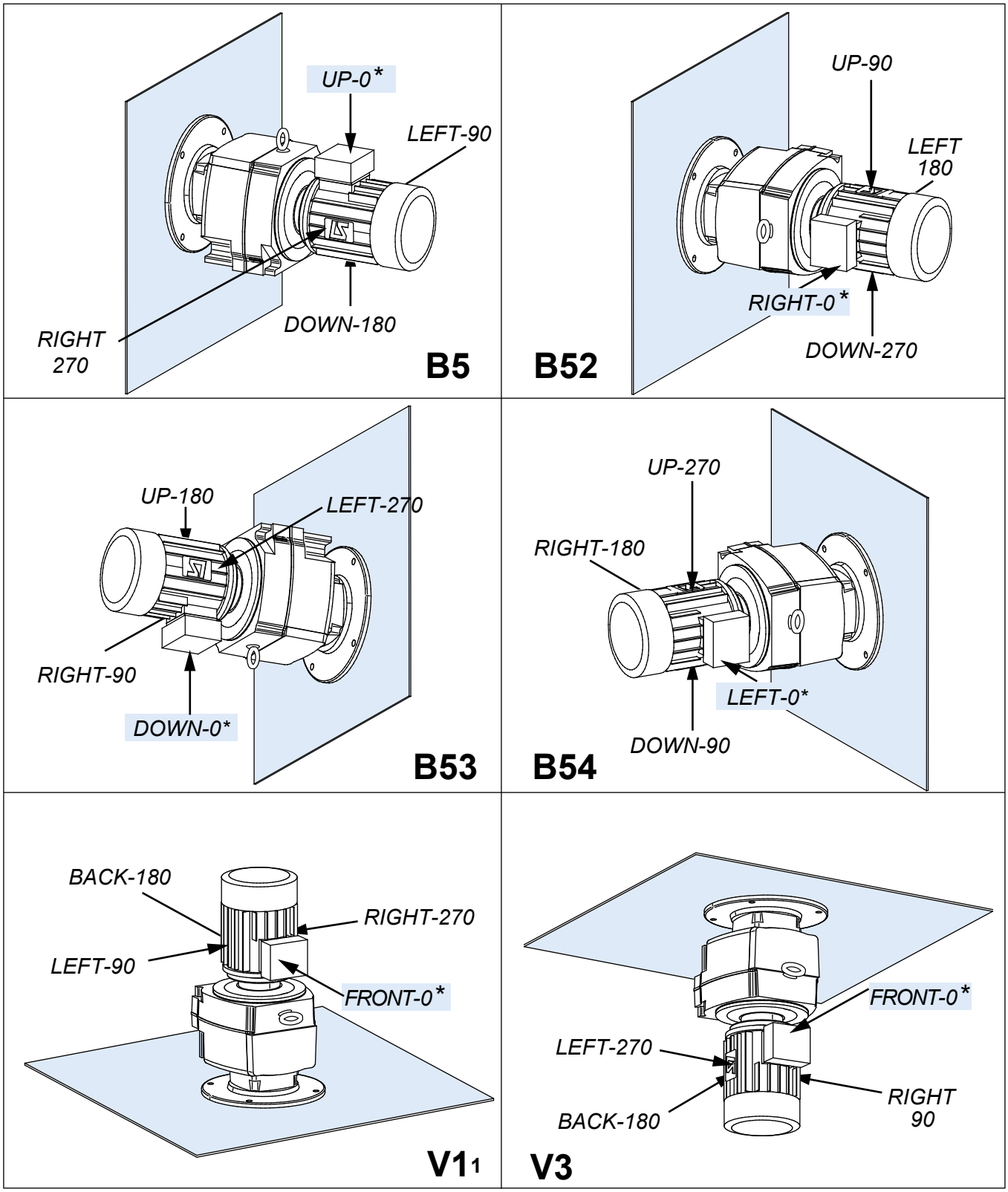
BT GEARBOX

	1 stage gearbox					
Compabloc	ØD	E	ØM	ØN	W	kg
Cb 3531	45k6	90	190	140	34	41
Cb 3431	40k6	80	152	130	28	25
Cb 3331	35k6	70	120	100	15	15.5
Cb 3231	25j6	50	83	70	15	8.3
Cb 3131	20j6	40	83	70	15	6.9
Cb 3031	16j6	40	100	60	12	2.3

	Multistage gearbox					
Compabloc	ØD	E	ØM	ØN	W	kg
Cb 3833	110m6	210	300	250	80	290
Cb 3733	90m6	170	230	180	80	192
Cb 3633	70m6	140	230	150	80	162
Cb 3533	60m6	120	190	140	34	86
Cb 3433	50k6	100	152	130	28	48
Cb 3333	40k6	80	123	100	23	30
Cb 3233	30j6	60	100	82	15	18.5
Cb3133	25j6	50	83	70	15	12.7
Cb 3032-3033	20j6	40	100	60	12	4.7
Cb 3032-3033	Option 25j6	40	100	60	12	4.8

Operating position

The absolute connection orientation (Terminal box: high, low, right, left, front, rear) depends on the operating position chosen.
The relative orientation (0-90-180-270, trigonometric direction), which depends on the absolute position, is linked to the feet (actual or fictitious) for an observer, facing the gearbox.



1 *backstop forbidden*

*: Std terminal box

Selection
Compabloc: Cb / AP

SELECTING AN INPUT SHAFT (AP) GEARBOX

You need to know:
- the duty factor
- the input and output speeds
- the input power or output torque
- the fixing and mounting position.

1 - Choice of the duty factor K Its value is determined by the application and the operating conditions. Refer to page 40 in the electromechanical engineering manual reference 5181.

2 - Selection of the gearbox

a - Calculate the reduction i such that

$i = N_E / N_S$

where N_E and N_S are the input and output speeds (in min^{-1}) ;

b - Calculate:

- the equivalent torque M_{eq}:
  $M_{eq} = M_S \times K$

where M_S is the output torque (in N.m), K is the duty factor

- or the equivalent power P_{eq}
  $P_{eq} = P \times K$

where P is the input power (in kW);

c - Refer to the selection tables corresponding to the type of gearbox:

pages 14 and 15 and pages 16 and 17 for combined gearboxes. Each box in the table gives:
- the size of the gearbox
- the exact reduction
- the input power for K = 1
- the rated output torque for K = 1

Select the gearbox in the tables (pages 14 to 17), which has a torque equal or greater than the equivalent torque (or a power equal or greater than the equivalent power) calculated above for the required, reduction ratio.

If the input speed is different from those given in the tables, select the gearbox size using the table with the closest input speed to that used for the output speed closest to that required.

Then choose the appropriate reduction ratio for this size of device.

3 - Operating positions

Feet: page 8

Flange: page 10

4 - Verification of the radial force

Refer to pages 43 to 45 in the document reference 5181.

If the radial force available on the output shaft is lower than that required by the application, restart the selection using a higher duty factor.

For gearboxes driven by the motor by means of a belt pulley system, refer to the tables in page 45 of the document reference 5181 to check the diameter of the pulley to install on the gearbox input shaft.

5 - Choice of options

Refer to the chapter “equipment and options” for any choice of standardized options. Cb 36 to 38 can be fitted with a non return device (backstop AD). In this event, indicate the rotation direction of the gearbox as seen from the output shaft side (page 150).

6 - Commissioning, lubrication

Refer to page 158

If in doubt concerning the choice or selection of a device, please do not hesitate to contact your Leroy-Somer agent or distributor.

Example of selection

Driving a pump:
- power 14.7 kW at 750 min^{-1},
- output speed 250 min^{-1},
- operation: 3 hours per day with moderate overloads. Flange fixing, horizontal mounting with semi-elastic coupling.

1 - Duty factor K = 1

2 - Selection:

a - reduction ratio:

i = 750 / 250 = 3

b - equivalent power: identical to the input power (K = 1).

The following is found in the selection grid of page 15 for the closest reduction index: 3.18 one Cb 3431 for power immediately above 14.7 which is 15.3.

3 - Operating position: B5 (page 11).

4 - Fixing type: standard flange (page 10).

Designation:

Cb 3431 3.18 BS S B5 AP

i exact	**Cb**
kW	M_{nS}

N_S min^{-1}	i_{aR}	COMPABLOC																					
		15--	30--		31--		32--		33--		34--		35--		3633*		3733*		3833*	
423	3.55		3.63	**3031**	3.71	**3133**	3.43	**3231**	3.52	**3331**	3.6	**3431**	3.55	**3531**	3.64	**3633**	3.52	**3733**	3.49	**3833**
			0.7	16	**4.7**	112	**3.6**	80	**6.4**	146	**13.6**	328	**22.6**	539	**97.2**	2401	**193**	4607	**319**	7550
476	3.15		3.24	**3031**	3.25	**3131**	3.09	**3231**	3.16	**3331**	3.18	**3431**	3.07	**3531**	3.21	**3633**	3.08	**3733**	3.18	**3833**
			0.8	16	**2.4**	50	**4.0**	80	**6.6**	135	**15.3**	328	**22.8**	471	**96.0**	2092	**218**	4566	**275**	5929
536	2.8		2.75	**3031**	2.74	**3131**	2.72	**3231**	2.91	**3331**	2.83	**3431**	2.77	**3531**					2.88	**3833**
			0.9	16	**2.8**	50	**4.6**	80	**7.9**	148	**17.1**	324	**25.4**	472					**312**	6095
600	2.5		2.55	**3031**	2.58	**3131**	2.55	**3231**	2.58	**3331**	2.54	**3431**	2.44	**3531**						
			1.0	16	**3.0**	50	**4.9**	80	**9.0**	150	**18.4**	314	**26.8**	439						

Designation

Compabloc: Cb / AP

Cb | **34 31** | **3.18** | **BS** | **S** | **B5** | **AP**

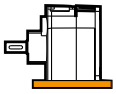
Series
Compabloc

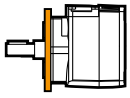
10 sizes
15--, 30-- to 38--

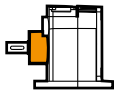
Index
--31
--33
--35

Exact reduction ratio
(rounded down to 0.005)
1.16 –> 252 (1 to 3 stages)
224 –> 40490 (combined)

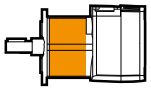
Fixing form

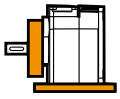

S
Feet


BS, BD

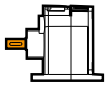

BT

Options


Flange BR

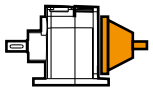

Feet and flange SBS, SBD

Output shaft


S
Solid cylindrical keyed

Operating positions
S, SBS, SBDx: feet
M: Cb 15 multiposition
B3, B6, B7, B8, V5, V6: Cb 30 to 38
BS, BD, BR, BT: flange
M multiposition: Cb 15
B5, B52, B53, B54, V1, V3: Cb 30 to 38

Input type


AP

Options
AD (Cb36 to 38)
AP/AD
specify clockwise or counter-clockwise

Selection
Compabloc: Cb / AP

Cb AP - 1500 min^{-1} - kp = 1

Rated capacities

i exact	Cb
kW	M_{nS}

N_S min^{-1}	i_{aR}	COMPABLOC																					
		15--		30--		31--		32--		33--		34--		35--		3633*		3733*		3833*	
6.00	250															252	**3633**	244	**3733**		
																2.5	4407	**6.0**	10098		
6.52	230															216	**3633**	217	**3733**	220	**3833**
																3.0	4407	**6.8**	10098	**10.0**	15164
7.50	200			204	**3033**	200	**3133**	204	**3233**	200	**3333**	204	**3433**	201	**3533**	199	**3633**	198	**3733**	196	**3833**
				0.07	90	**0.16**	204	**0.35**	456	**0.66**	835	**1.16**	1628	**2.2**	3090	**3.2**	4407	**7.4**	10098	**11.3**	15164
8.33	180			181	**3033**	181	**3133**	174	**3233**	181	**3333**	172	**3433**	173	**3533**	173	**3633**	175	**3733**	184	**3833**
				0.08	90	**0.18**	204	**0.41**	456	**0.73**	835	**1.38**	1624	**2.6**	3083	**3.7**	4407	**8.4**	10098	**12.0**	15164
9.38	160	161	**1503**	161	**3033**	158	**3133**	159	**3233**	162	**3333**	155	**3433**	159	**3533**	153	**3633**	158	**3733**	164	**3833**
		0.06	66	**0.09**	90	**0.20**	204	**0.45**	456	**0.82**	835	**1.53**	1622	**2.8**	3079	**4.2**	4407	**9.3**	10098	**13.5**	15164
10.7	140	144	**1503**	146	**3033**	144	**3133**	144	**3233**	141	**3333**	140	**3433**	138	**3533**	137	**3633**	141	**3733**	146	**3833**
		0.07	65	**0.10**	90	**0.22**	204	**0.50**	456	**0.94**	835	**1.69**	1620	**3.2**	3073	**4.7**	4402	**10.4**	10093	**15.1**	15164
12.0	125	125	**1503**	130	**3033**	124	**3133**	123	**3233**	125	**3333**	129	**3433**	122	**3533**	122	**3633**	129	**3733**	130	**3833**
		0.08	65	**0.11**	90	**0.26**	204	**0.59**	456	**1.1**	835	**1.83**	1618	**3.7**	3066	**5.2**	4390	**11.4**	10073	**17.0**	15124
13.4	112	110	**1503**	115	**3033**	111	**3133**	109	**3233**	114	**3333**	111	**3433**	110	**3533**	112	**3633**	111	**3733**	115	**3833**
		0.09	64	**0.12**	90	**0.29**	202	**0.66**	456	**1.2**	835	**2.12**	1614	**4.1**	3060	**5.7**	4381	**13.2**	10038	**19.1**	15082
15.0	100	98.3	**1503**	102	**3033**	99.4	**3133**	98.2	**3233**	101	**3333**	104	**3433**	97.5	**3533**	96.6	**3633**	102	**3733**	103	**3833**
		0.10	63	**0.14**	90	**0.31**	194	**0.73**	456	**1.3**	835	**2.26**	1612	**4.6**	3054	**6.6**	4367	**14.3**	10019	**21.3**	15042
16.7	90	88.2	**1503**	91.1	**3033**	87	**3133**	86.5	**3233**	90.1	**3333**	90.7	**3433**	89.3	**3533**	87.3	**3633**	89.9	**3733**	92	**3833**
		0.11	63	**0.16**	90	**0.34**	186	**0.83**	456	**1.5**	835	**2.58**	1608	**5.0**	3049	**7.3**	4357	**16.2**	9990	**23.8**	15001
18.8	80	79.7	**1503**	81.3	**3033**	82.2	**3133**	77.9	**3233**	80.9	**3333**	80.1	**3433**	77.2	**3533**	76.9	**3633**	76.8	**3733**	81.5	**3833**
		0.12	62	**0.18**	90	**0.35**	182	**0.93**	456	**1.6**	835	**2.92**	1605	**5.7**	3039	**8.2**	4344	**18.7**	9847	**26.8**	14960
21.1	71	70.8	**1503**	69.1	**3033**	69.2	**3133**	68.6	**3233**	74.4	**3333**	71.4	**3433**	69.8	**3533**	70.8	**3633**	68.3	**3733**	71.7	**3833**
		0.13	60	**0.21**	90	**0.39**	172	**1.1**	456	**1.8**	835	**3.27**	1601	**6.1**	2921	**8.9**	4336	**20.0**	9386	**30.3**	14912
23.8	63	64.6	**1503**	64.1	**3033**	65.3	**3133**	64.2	**3233**	66.1	**3333**	63.9	**3433**	61.4	**3533**	63	**3633**	61.2	**3733**	63.1	**3833**
		0.14	59	**0.22**	90	**0.41**	169	**1.1**	456	**2.0**	835	**3.64**	1598	**6.6**	2775	**10.0**	4324	**21.4**	8975	**34.3**	14865
26.8	56	59.1	**1503**	55	**3033**	57.8	**3133**	55.7	**3233**	57.6	**3333**	54.7	**3433**	56.6	**3533**	56.2	**3633**	55.4	**3733**	55.7	**3833**
		0.15	58	**0.26**	90	**0.44**	162	**1.3**	456	**2.3**	835	**4.24**	1592	**6.9**	2674	**11.2**	4312	**22.6**	8575	**38.8**	14818
30.0	50	50.1	**1503**	49.2	**3033**	49.1	**3133**	50.2	**3233**	48.7	**3333**	50.3	**3433**	49.7	**3533**	50.4	**3633**	48.8	**3733**	50.5	**3833**
		0.18	56	**0.29**	90	**0.65**	204	**1.4**	456	**2.6**	806	**4.65**	1589	**8.9**	3008	**12.4**	4301	**24.3**	8144	**42.7**	14783
33.3	45	46.2	**1503**	45.4	**3032**	44.5	**3133**	43	**3233**	44	**3333**	42.5	**3433**	42.7	**3533**	42.8	**3633**	43.2	**3733**	44.1	**3833**
		0.19	55	**0.31**	90	**0.53**	149	**1.7**	455	**2.9**	806	**5.48**	1583	**10.3**	2996	**13.9**	4045	**26.1**	7730	**48.7**	14731
37.5	40	40.8	**1503**	40.3	**3032**	38.8	**3133**	39.2	**3233**	39.4	**3333**	38.2	**3433**	39.2	**3533**	39	**3633**	40.2	**3733**	39.4	**3833**
		0.21	53	**0.35**	90	**0.82**	203	**1.8**	454	**3.2**	806	**6.09**	1578	**11.2**	2989	**16.1**	4275	**27.8**	7596	**54.3**	14688
42.3	35.5	36.9	**1503**	35.7	**3032**	35.4	**3133**	35.5	**3233**	34.2	**3333**	34.6	**3433**	34.2	**3533**	34.5	**3633**	36	**3733**	35.1	**3833**
		0.22	52	**0.39**	90	**0.90**	203	**2.0**	453	**3.7**	806	**6.70**	1574	**12.8**	2977	**18.0**	4218	**32.6**	7963	**60.8**	14645
47.6	31.5	31.5	**1502**	32.5	**3032**	30.6	**3133**	30.3	**3233**	30.2	**3333**	31.9	**3433**	30.1	**3533**	31.1	**3633**	31.8	**3733**	31.6	**3833**
		0.20	41	**0.43**	90	**1.0**	202	**2.3**	451	**4.2**	806	**7.25**	1570	**14.5**	2965	**19.7**	4160	**39.9**	8621	**67.4**	14604
53.6	28	28.2	**1502**	28.8	**3032**	27.2	**3133**	26.9	**3233**	27.8	**3333**	27.4	**3433**	27.1	**3533**	27.7	**3633**	28.4	**3733**	27.7	**3833**
		0.28	50	**0.49**	90	**1.2**	201	**2.6**	450	**4.5**	806	**8.40**	1563	**16.1**	2954	**21.8**	4099	**45.6**	8797	**76.6**	14553
60.0	25	24.5	**1502**	25.6	**3032**	24.4	**3133**	24.2	**3233**	24.6	**3333**	25.5	**3433**	24.1	**3533**	25.5	**3633**	25.2	**3733**	24.5	**3833**
		0.31	49	**0.55**	89	**1.3**	201	**2.9**	449	**5.1**	806	**9.01**	1560	**18.0**	2943	**23.4**	4055	**50.5**	8647	**73.9**	12298
67.0	22.4	21.6	**1502**	22.8	**3032**	21.4	**3133**	21.3	**3233**	21.9	**3333**	22.4	**3433**	22.1	**3533**	21.9	**3633**	22.6	**3733**	21.9	**3833**
		0.35	48	**0.61**	89	**1.5**	200	**3.3**	447	**5.8**	806	**10.2**	1553	**19.5**	2933	**26.7**	3976	**55.5**	8514	**82.2**	12220
75.0	20	19.3	**1502**	20.2	**3032**	20.2	**3133**	19.2	**3233**	19.6	**3333**	19.8	**3433**	19.1	**3533**	20	**3633**	20.1	**3733**	19.5	**3833**
		0.38	47	**0.69**	89	**1.6**	200	**3.6**	444	**6.4**	806	**11.5**	1547	**21.3**	2759	**29.0**	3932	**61.4**	8377	**86.4**	11441
83.3	18	17.3	**1502**	18.1	**3032**	17	**3133**	16.9	**3233**	18.1	**3333**	17.6	**3433**	17.2	**3533**	17.7	**3633**	17.8	**3733**	17.4	**3833**
		0.42	46	**0.77**	89	**1.8**	199	**3.9**	426	**7.0**	806	**12.9**	1540	**24.8**	2898	**32.2**	3872	**68.2**	8239	**98.8**	11675

N_S: output speed

i_{aR}: reduction index

Cb36, Cb37, Cb38*: check the gearbox thermal limit

M_{nS}: rated output torque (Nm)

Selection
Compabloc: Cb / AP

Cb AP - 1500 min^{-1} - kp = 1

Rated capacities

i exact	Cb
kW	M_{nS}

N_S min^{-1}	i_{aR}	COMPABLOC																			
		15--		30--		31--		32--		33--		34--		35--		3633*		3733*		3833*	
93.8	16	15.6	**1502**	15.4	**3032**	16	**3133**	15.8	**3233**	16.1	**3333**	15.8	**3433**	15.2	**3533**	15.1	**3633**	15.7	**3733**	15.4	**3833**
		0.5	46	**0.9**	88	**1.9**	199	**4.1**	417	**7.8**	806	**14.3**	1534	**27.0**	2788	**37.0**	3797	**75.9**	8096	**105**	10994
107	14	13.9	**1502**	14.2	**3032**	14.2	**3133**	13.7	**3233**	14	**3333**	13.5	**3433**	14	**3533**	13.5	**3633**	13.8	**3733**	13.7	**3833**
		0.5	44	**1.0**	88	**2.2**	198	**4.5**	398	**9.0**	805	**16.6**	1524	**28.5**	2707	**40.8**	3743	**84.9**	7958	**118**	10977
125	12	12.7	**1502**	12.2	**3032**	12.4	**3133**	12	**3233**	12.7	**3333**	12.2	**3433**	12.4	**3533**	12.1	**3633**	12.2	**3733**	12.5	**3833**
		0.5	43	**1.1**	88	**2.4**	192	**5.0**	380	**9.9**	802	**18.3**	1518	**31.5**	2656	**45.0**	3694	**94.5**	7827	**123**	10439
136	11	11.6	**1502**	10.9	**3032**	10.9	**3133**	10.9	**3233**	11.1	**3333**	10.8	**3433**	11.1	**3533**	10.9	**3633**	11	**3733**	11	**3833**
		0.6	42	**1.3**	87	**2.6**	184	**5.3**	368	**5.8**	409	**20.0**	1470	**33.6**	2535	**49.3**	3650	**103**	7727	**139**	10404
150	10	9.81	**1502**	10.2	**3032**	9.67	**3133**	9.62	**3233**	9.95	**3333**	9.67	**3433**	9.94	**3533**	9.63	**3633**	9.64	**3733**	9.96	**3833**
		0.6	40	**1.3**	87	**2.9**	177	**5.7**	352	**6.4**	409	**21.6**	1416	**36.9**	2487	**55.0**	3596	**116**	7593	**150**	10153
167	9	9.07	**1502**	8.59	**3032**	8.57	**3133**	9.02	**3233**	9.16	**3333**	8.6	**3433**	9.07	**3533**	8.53	**3633**	8.62	**3733**	8.75	**3833**
		0.7	39	**1.6**	87	**3.1**	170	**6.0**	345	**7.0**	409	**23.3**	1359	**39.1**	2410	**61.2**	3546	**128**	7486	**165**	9817
188	8	7.99	**1502**	8.16	**3032**	8.28	**3133**	8.02	**3233**	8.14	**3333**	7.69	**3433**	7.92	**3533**	7.62	**3633**	7.68	**3733**	8.11	**3833**
		0.7	38	**1.7**	87	**2.7**	141	**4.9**	249	**7.9**	409	**22.7**	1184	**42.8**	2300	**67.7**	3500	**142**	7378	**170**	9353
211	7.1	7.23	**1502**	7.38	**3032**	7.34	**3133**	6.96	**3233**	7.09	**3333**	6.86	**3433**	7.18	**3533**	7.15	**3633**	6.9	**3733**	6.95	**3833**
		0.8	36	**1.8**	86	**3.0**	141	**5.6**	249	**9.0**	409	**20.0**	934	**28.5**	1390	**71.6**	3475	**155**	7283	**200**	9415
238	6.3			6.4	**3031**	6.42	**3133**	6.1	**3233**	6.41	**3333**	6.21	**3433**	6.38	**3533**	6.15	**3633**	6.05	**3733**	6.33	**3833**
				0.4	16	**3.4**	141	**6.4**	249	**10.0**	409	**21.4**	902	**31.5**	1364	**78.6**	3283	**174**	7167	**214**	9215
268	5.6			5.82	**3031**	5.65	**3133**	5.51	**3233**	5.59	**3333**	5.48	**3433**	5.7	**3533**	5.56	**3633**	5.63	**3733**	5.55	**3833**
				0.4	16	**3.8**	139	**7.1**	249	**11.4**	409	**20.9**	777	**33.6**	1301	**85.1**	3211	**124**	4733	**252**	9512
300	5			5.17	**3031**	4.99	**3133**	4.88	**3233**	5.06	**3333**	4.91	**3433**	5.1	**3533**	4.91	**3633**	4.91	**3733**	5.01	**3833**
				0.5	16	**4.0**	127	**8.0**	249	**12.6**	409	**24.6**	821	**44.2**	1530	**93.6**	3119	**141**	4699	**274**	9326
333	4.5			4.58	**3031**	4.43	**3133**	4.57	**3233**	4.59	**3333**	4.37	**3433**	4.66	**3533**	4.34	**3633**	4.39	**3733**	4.4	**3833**
				0.5	16	**4.1**	116	**8.5**	249	**13.9**	409	**24.3**	722	**46.4**	1467	**103**	3029	**157**	4670	**303**	9062
375	4			4.08	**3031**	3.91	**3133**	3.87	**3233**	3.98	**3333**	3.91	**3433**	4.07	**3533**	3.88	**3633**	3.91	**3733**	4.08	**3833**
				0.6	16	**4.6**	115	**10.1**	249	**16.1**	409	**22.7**	602	**49.7**	1372	**104**	2728	**175**	4638	**306**	8464
423	3.55			3.63	**3031**	3.71	**3133**	3.43	**3231**	3.52	**3331**	3.6	**3431**	3.55	**3531**	3.64	**3633**	3.52	**3733**	3.49	**3833**
				0.7	16	**4.7**	112	**3.6**	80	**6.4**	146	**13.6**	328	**22.6**	539	**97.2**	2401	**193**	4607	**319**	7550
476	3.15			3.24	**3031**	3.25	**3131**	3.09	**3231**	3.16	**3331**	3.18	**3431**	3.07	**3531**	3.21	**3633**	3.08	**3733**	3.18	**3833**
				0.8	16	**2.4**	50	**4.0**	80	**6.6**	135	**15.3**	328	**22.8**	471	**96.0**	2092	**218**	4566	**275**	5929
536	2.8			2.75	**3031**	2.74	**3131**	2.72	**3231**	2.91	**3331**	2.83	**3431**	2.77	**3531**					2.88	**3833**
				0.9	16	**2.8**	50	**4.6**	80	**7.9**	148	**17.1**	324	**25.4**	472					**312**	6095
600	2.5			2.55	**3031**	2.58	**3131**	2.55	**3231**	2.58	**3331**	2.54	**3431**	2.44	**3531**						
				1.0	16	**3.0**	50	**4.9**	80	**9.0**	150	**18.4**	314	**26.8**	439						
670	2.24			2.19	**3031**	2.29	**3131**	2.21	**3231**	2.25	**3331**	2.17	**3431**	2.25	**3531**						
				1.1	16	**3.4**	50	**5.6**	80	**9.0**	130	**20.5**	299	**27.7**	419						
750	2			1.96	**3031**	2	**3131**	1.94	**3231**	2.04	**3331**	1.97	**3431**	2	**3531**						
				1.3	16	**3.7**	48	**6.4**	80	**9.4**	124	**21.8**	289	**29.0**	390						
833	1.8			1.83	**3031**	1.76	**3131**	1.75	**3231**	1.77	**3331**	1.74	**3431**	1.79	**3531**						
				1.4	16	**3.9**	44	**6.9**	78	**8.9**	102	**21.3**	249	**30.1**	363						
938	1.6			1.54	**3031**	1.56	**3131**	1.55	**3231**	1.61	**3331**	1.56	**3431**	1.6	**3531**						
				1.6	16	**4.0**	41	**7.5**	75	**8.9**	92	**25.0**	263	**31.4**	337						
1071	1.4			1.46	**3031**	1.38	**3131**	1.45	**3231**	1.46	**3331**	1.38	**3431**	1.46	**3531**						
				1.7	16	**4.2**	37	**7.3**	68	**9.0**	85	**24.9**	231	**32.3**	317						
1200	1.25			1.32	**3031**	1.22	**3131**	1.23	**3231**	1.26	**3331**	1.24	**3431**	1.28	**3531**						
				1.7	16	**4.5**	35	**0.5**	62	**0.8**	36	**23.1**	192	**33.5**	288						
1339	1.12					1.16	**3131**														
						4.6	35														

N_S: output speed
i_{aR}: reduction index
Cb36, Cb37, Cb38*: check the gearbox thermal limit
M_{nS}: rated output torque (Nm)

Selection
Compabloc: Cb / AP

Cb AP - 1500 min^{-1} - kp = 1

Rated capacities; combined gearboxes

i exact	Cb
kW	M_{nS}

N_S min^{-1}	i_{aR}	COMPABLOC													
		3235		3335		3435		3535		3635*		3735*		3835*	
0.06	25000							25000	**3535**	24400	**3635**	24300	**3735**	26500	**3835**
								0.02	3121	**0.03**	4407	**0.06**	10098	**0.08**	15164
0.07	22400							22300	**3535**	21700	**3635**	21600	**3735**	22300	**3835**
								0.02	3121	**0.03**	4407	**0.07**	10098	**0.10**	15164
0.08	20000							20000	**3535**	19500	**3635**	19400	**3735**	20100	**3835**
								0.02	3121	**0.03**	4407	**0.07**	10098	**0.11**	15164
0.08	18000							17500	**3535**	17200	**3635**	18300	**3735**	18200	**3835**
								0.03	3121	**0.04**	4407	**0.08**	10098	**0.12**	15164
0.09	16000					16000	**3435**	16600	**3535**	15500	**3635**	15700	**3735**	16800	**3835**
						0.01	1627	**0.03**	3121	**0.04**	4407	**0.09**	10098	**0.13**	15164
0.11	14000					14500	**3435**	13900	**3535**	14400	**3635**	14300	**3735**	14600	**3835**
						0.02	1627	**0.03**	3121	**0.04**	4407	**0.10**	10098	**0.15**	15164
0.12	12500					12700	**3435**	13100	**3535**	12400	**3635**	13000	**3735**	12300	**3835**
						0.02	1627	**0.03**	3121	**0.05**	4407	**0.11**	10098	**0.17**	15164
0.13	11200					11500	**3435**	11600	**3535**	11300	**3635**	11100	**3735**	11100	**3835**
						0.02	1627	**0.04**	3121	**0.05**	4407	**0.13**	10098	**0.19**	15164
0.15	10000					9970	**3435**	10200	**3535**	10200	**3635**	9830	**3735**	10100	**3835**
						0.02	1627	**0.04**	3121	**0.06**	4407	**0.14**	10098	**0.21**	15164
0.17	9000					8890	**3435**	8970	**3535**	8710	**3635**	8830	**3735**	9270	**3835**
						0.03	1627	**0.05**	3121	**0.07**	4407	**0.16**	10098	**0.23**	15164
0.2	8000	7910	**3235**	8210	**3335**	7620	**3435**	7810	**3535**	7740	**3635**	7780	**3735**	7970	**3835**
		0.01	456	**0.02**	835	**0.03**	1639	**0.06**	3114	**0.08**	4407	**0.18**	10098	**0.27**	15164
0.2	7100	7030	**3235**	7300	**3335**	6900	**3435**	7080	**3535**	6960	**3635**	7000	**3735**	7420	**3835**
		0.01	456	**0.02**	835	**0.03**	1639	**0.06**	3114	**0.09**	4407	**0.20**	10098	**0.29**	15164
0.2	6300	6230	**3235**	6470	**3335**	6020	**3435**	6170	**3535**	6130	**3635**	6170	**3735**	6500	**3835**
		0.01	456	**0.02**	835	**0.04**	1639	**0.07**	3114	**0.10**	4407	**0.23**	10098	**0.33**	15164
0.3	5600	5670	**3235**	5880	**3335**	5480	**3435**	5620	**3535**	5520	**3635**	5770	**3735**	5740	**3835**
		0.01	456	**0.02**	835	**0.04**	1639	**0.08**	3114	**0.11**	4407	**0.24**	10098	**0.37**	15164
0.3	5000	5030	**3235**	5220	**3335**	4740	**3435**	4850	**3535**	4860	**3635**	5010	**3735**	5120	**3835**
		0.01	456	**0.03**	835	**0.05**	1639	**0.09**	3114	**0.13**	4407	**0.28**	10098	**0.41**	15164
0.3	4500	4460	**3235**	4630	**3335**	4220	**3435**	4330	**3535**	4550	**3635**	4600	**3735**	4580	**3835**
		0.02	456	**0.03**	835	**0.06**	1639	**0.10**	3114	**0.14**	4407	**0.30**	9692	**0.46**	15164
0.4	4000	3970	**3235**	4120	**3335**	3780	**3435**	3880	**3535**	3950	**3635**	3940	**3735**	3980	**3835**
		0.02	456	**0.03**	835	**0.06**	1639	**0.11**	3114	**0.16**	4407	**0.35**	9692	**0.52**	14769
0.4	3550	3530	**3235**	3670	**3335**	3310	**3435**	3390	**3535**	3610	**3635**	3590	**3735**	3360	**3835**
		0.02	456	**0.04**	835	**0.07**	1639	**0.13**	3114	**0.17**	4288	**0.38**	9692	**0.62**	14769
0.5	3150	3150	**3235**	3270	**3335**	3130	**3435**	3210	**3535**	3090	**3635**	3250	**3735**	3030	**3835**
		0.02	456	**0.04**	835	**0.07**	1639	**0.14**	3114	**0.20**	4288	**0.42**	9692	**0.69**	14769
0.5	2800	2680	**3235**	2780	**3335**	2640	**3435**	2700	**3535**	2820	**3635**	2770	**3735**	2740	**3835**
		0.03	456	**0.05**	835	**0.09**	1639	**0.16**	3114	**0.21**	4288	**0.49**	9692	**0.76**	14769
0.6	2500	2480	**3235**	2580	**3335**	2480	**3435**	2550	**3535**	2560	**3635**	2470	**3735**	2530	**3835**
		0.03	456	**0.05**	835	**0.09**	1639	**0.17**	3114	**0.24**	4288	**0.55**	9692	**0.83**	14769

N_S: output speed
i_{aR}: reduction index
Cb36, Cb37, Cb38*: check the gearbox thermal limit
M_{nS}: rated output torque (Nm)

Selection
Compabloc: Cb / AP

Cb AP - 1500 min^{-1} - kp = 1

Rated capacities; combined gearboxes

i exact	Cb
kW	M_{nS}

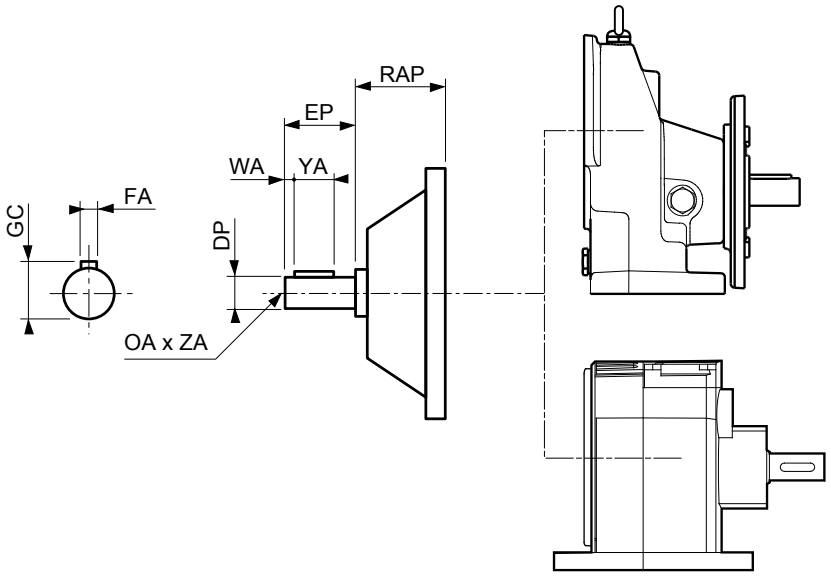
N_S min^{-1}	i_{aR}	COMPABLOC													
		3235		3335		3435		3535		3635*		3735*		3835*	
0.7	2240	2130	**3235**	2210	**3335**	2200	**3435**	2260	**3535**	2180	**3635**	2220	**3735**	2170	**3835**
		0.03	456	**0.06**	835	**0.11**	1639	**0.20**	3114	**0.28**	4288	**0.62**	9692	**0.96**	14769
0.8	2000	1910	**3235**	1980	**3335**	1930	**3435**	1970	**3535**	1940	**3635**	1950	**3735**	2020	**3835**
		0.04	456	**0.07**	835	**0.12**	1639	**0.23**	3114	**0.31**	4288	**0.70**	9692	**1.0**	14769
0.8	1800	1780	**3235**	1850	**3335**	1700	**3435**	1740	**3535**	1740	**3635**	1760	**3735**	1770	**3835**
		0.04	456	**0.07**	835	**0.14**	1639	**0.26**	3114	**0.35**	4288	**0.78**	9692	**1.2**	14769
0.9	1600	1500	**3235**	1560	**3335**	1570	**3435**	1540	**3535**	1530	**3635**	1550	**3735**	1570	**3835**
		0.05	456	**0.09**	835	**0.15**	1605	**0.29**	3114	**0.40**	4288	**0.88**	9692	**1.3**	14769
1.1	1400	1370	**3235**	1370	**3335**	1420	**3435**	1440	**3535**	1380	**3635**	1450	**3735**	1390	**3835**
		0.05	456	**0.09**	806	**0.16**	1605	**0.30**	3074	**0.44**	4288	**0.94**	9692	**1.5**	14769
1.2	1250	1220	**3235**	1220	**3335**	1240	**3435**	1300	**3535**	1220	**3635**	1260	**3735**	1250	**3835**
		0.06	456	**0.11**	806	**0.19**	1605	**0.34**	3074	**0.50**	4288	**1.1**	9692	**1.7**	14769
1.3	1120	1080	**3235**	1080	**3335**	1130	**3435**	1140	**3535**	1140	**3635**	1130	**3735**	1070	**3835**
		0.07	456	**0.12**	806	**0.20**	1605	**0.38**	3074	**0.53**	4288	**1.22**	9692	**2.0**	14769
1.5	1000	984	**3235**	982	**3335**	975	**3435**	1040	**3535**	988	**3635**	970	**3735**	983	**3835**
		0.07	456	**0.13**	806	**0.24**	1605	**0.42**	3074	**0.61**	4288	**1.4**	9692	**2.1**	14769
1.7	900	874	**3235**	872	**3335**	869	**3435**	894	**3535**	890	**3635**	885	**3735**	829	**3835**
		0.08	456	**0.15**	806	**0.27**	1605	**0.49**	3074	**0.69**	4288	**1.6**	9692	**2.5**	14769
2	800	775	**3235**	774	**3335**	779	**3435**	797	**3535**	762	**3635**	801	**3735**	747	**3835**
		0.09	456	**0.17**	806	**0.30**	1605	**0.55**	3074	**0.80**	4288	**1.7**	9692	**2.8**	14769
2	710	690	**3235**	688	**3335**	681	**3435**	714	**3535**	695	**3635**	684	**3735**	676	**3835**
		0.11	456	**0.19**	806	**0.34**	1605	**0.61**	3074	**0.88**	4288	**2.0**	9692	**3.1**	14769
2	630	613	**3235**	612	**3335**	644	**3435**	625	**3535**	630	**3635**	608	**3735**	623	**3835**
		0.12	456	**0.21**	806	**0.36**	1605	**0.70**	3074	**0.97**	4288	**2.3**	9692	**3.4**	14769
3	560	547	**3235**	546	**3335**	543	**3435**	591	**3535**	537	**3635**	546	**3735**	535	**3835**
		0.13	456	**0.24**	806	**0.43**	1605	**0.74**	3074	**1.1**	4288	**2.5**	9692	**3.9**	14769
3	500	465	**3235**	464	**3335**	511	**3435**	498	**3535**	477	**3635**	481	**3735**	499	**3835**
		0.16	456	**0.28**	806	**0.45**	1605	**0.88**	3074	**1.3**	4288	**2.9**	9692	**4.2**	14769
3	450	431	**3235**	431	**3335**	453	**3435**	469	**3535**	429	**3635**	433	**3735**	437	**3835**
		0.17	456	**0.30**	806	**0.51**	1605	**0.94**	3074	**1.4**	4288	**3.2**	9692	**4.8**	14769
4	400	371	**3235**	370	**3335**	396	**3435**	416	**3535**	378	**3635**	381	**3735**	386	**3835**
		0.20	456	**0.35**	806	**0.58**	1605	**1.1**	3074	**1.6**	4288	**3.6**	9692	**5.5**	14769
4	355	331	**3235**	330	**3335**	349	**3435**	364	**3535**	340	**3635**	357	**3735**	344	**3835**
		0.22	456	**0.39**	806	**0.66**	1605	**1.2**	3074	**1.8**	4288	**3.9**	9692	**6.1**	14769
5	315	309	**3235**	308	**3335**	308	**3435**	320	**3535**	300	**3635**	310	**3735**	308	**3835**
		0.24	456	**0.42**	806	**0.75**	1605	**1.4**	3074	**2.0**	4288	**4.5**	9692	**6.9**	14769
5	280	260	**3235**	260	**3335**	273	**3435**	283	**3535**	280	**3635**	272	**3735**	264	**3835**
		0.28	456	**0.50**	806	**0.85**	1605	**1.55**	3074	**2.2**	4288	**5.1**	9692	**8.0**	14769
6	250	247	**3235**	247	**3335**	242	**3435**	251	**3535**					239	**3835**
		0.30	456	**0.52**	806	**0.96**	1605	**1.7**	3074					**8.8**	14769
7	224	224	**3235**	223	**3335**	229	**3435**	222	**3535**						
		0.33	456	**0.58**	806	**1.0**	1605	**2.0**	3074						

N_S: output speed
i_{aR}: reduction index
Cb36, Cb37, Cb38*: check the gearbox thermal limit
M_{nS}: rated output torque (Nm)

Dimensions
Compabloc: Cb / AP

Input shaft AP dimensions

Dimensions in millimetres



	AP								
Type	ØDP	EP	FA	GC	OAxZA	RAP	WA	YA	kg
Cb 38--	55k6	110	16	59	M20x42	48.5	10	90	32
Cb 37--	48k6	110	14	51.5	M16x36	51	10	90	27
Cb 36--	48k6	110	14	51.5	M16x36	51	10	90	27
Cb 35--	38j6	80	8	41	M12x28	129.5	8	63	14
Cb 34--	28j6	60	8	31	M10x22	138.5	5	50	5
Cb 33--	28j6	60	8	31	M10x22	69	5	50	5
Cb 32--	24j6	50	8	27	M8x19	73	4.5	40	1.5
Cb 31--	24j6	50	8	27	M8x19	73	4.5	40	1.5
Cb 30--	14j6	30	5	16	M4x14	69	3	20	1.3
Cb 15--	11j7	23	4	12.5	M4x10	50.5	-	20	0.3

Selection
Compabloc: Cb / LS, LSES motors

SELECTING A GEARED MOTOR

Use the following procedure to select the geared motor:

1 - Determination of the necessary power or torque

You need to know:

- P_{uE}: rated input power necessary for the application
- N_S: gearbox output speed in min^{-1}.

The following selection tables are organized:

- by power for output speeds from 0.35 to over 1200 min^{-1}; please call for lower speeds
- by increasing Kp, by reduction index section

The relationship between input power, output speed and output torque is given by the formula:

$M_S = P_E \times 9.550 \times \eta / N_S$

where η represents the mechanical efficiency of the gearbox (page 7 and 51 of document reference 5181).

2 - Determination of the necessary duty factor K

This is determined according to 3 criteria:

a - Operating time (h/d)

b - Frequency of starts Z

c - Ratio of the load inertia to the motor inertia: curves I, II, III (page 40 of the document reference 5181).

3 - Determination of the type of geared motor

- Select the power required for the application in the tables pages 22 to 111.
- Choose the output speed corresponding to that of the application.
- Then choose the geared motor with a duty factor greater than that required by the application.

4 - Verification

a - Radial force exerted on the slow speed shaft by the load (pages 44 and 45 of the document reference 5181).

b - Verification of the chosen geared motor.

In the selection tables (pages 22 to 111), check that the value of radial force permissible by the geared motor exceeds the radial force applied by the load (page 44 of the document reference 5181).

5 - Mounting form

Refer to page 8 for the definition of feet fixing, and page 10 for the definition of flange fixing.

6 - Operating position

Refer to page 9 for the definition of the feet fixing operating positions, and page 11 for the those of flange fixing.

Example

Application data:

- Driving a conveyor
- P_{uE}: 2.2 kW
- N_{uS}: 34 min^{-1}
- Daily operating time: 8 h/d
- Frequency of starts of the application: 300 s/h
- Moment of inertia of the application reduced to the motor shaft: 0.0064 kgm^2
- Motor moment of inertia: 0.0043 kgm^2

Determining the duty factor:

- $FJ = J_{C/M} / J_M$ (IE2 motors)

= 0.0064 / 0.00567 = 1.13

- The application class is II (reading on curve II of the graph page 40 in the document reference 5181)
- The graph of the duty factor K indicates the following for 8 h/d and 300 s/h:

---> K = 1.4

Selection of the geared motor

a - Fixed speed

- Find the selection tables for P_{uE} = 2.2 kW
- Find the geared motor output speed n_S closest to 44 min^{-1} (page 63)
- Select the geared motor with a duty factor greater than that required by the application.
- ---> Selection of geared motor Cb 3333, i = 34.2, Kp = 1.67 (extract on next page)
- Finally, check that the radial and axial force values of the geared motor are greater than the forces exerted by the load.

b - Variable speed

When used in variable speed with separate drive, the gearbox input speed shall not exceed 3,000 min^{-1}.

Select in the 87 Hz tables the power equivalent to 2.2 kW - 50 Hz, 42 min^1 (page 53).

Take the 1.5 kW motor developing 2.61 kW at 87 Hz.

Search for the speed required 43.8 in Cb 3333 with i: 57.6 and Kp = 1.54 (extract next page).

Selection
Compabloc: Cb / LS, LSES motors

SELECTING A FIXED SPEED GEARED MOTOR

- Search the selection tables corresponding to P_{uE} = 2.2 kW
- Search the geared motor output speed N_S closest to 44 min^{-1}
- Geared motor selection with a duty factor greater than that required by the application.
- ---> Selection of the geared motor Cb 3333, i = 34.2, Kp = 1.67
- Finally, check that the values of the radial and axial forces (F_R E/2) of the geared motor exceed the stress applied by the load.

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
2.2 kW - 50 Hz		*LSES 100 L IFT/IE2 - LSES 100 LR IFT/IE3 LS 100 L FFB2 IFT/NIE - LSES 100 LR FFB2 IFT/IE3*					**3.83 kW - 87 Hz***	
42.0	**1.67**	**3333**	34.2	482	10,242	135	74.2	1.71

SELECTING A VARIABLE SPEED GEARED MOTOR CENTRALISED PILOT CONTROL WITH DRIVE

When used in variable speed with separate drive, the gearbox input speed shall not exceed 3,000 min^{-1}.
Select in the 87 Hz tables the power equivalent to 2.2 kW - 50 Hz, 42 min^{1}.
Take the 1.5 kW motor developing 2.61 kW at 87 Hz.
Search for the speed required 43.8 in Cb 3333 with i: 57.6 and Kp = 1.54

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
1.5 kW - 50 Hz		*LSES 90 L IFT/IE2 - LSES 90 LU IFT/IE3 LS 90 L FFB2 IFT/NIE - LSES 90 LU FFB2 IFT/IE3*					**2.61 kW - 87 Hz***	
24.8	**1.52**	**3333**	57.6	548	9,613	135	43.8	1.54

AVAILABILITY

Product quality and energy performance have now become major criteria in user choices, but pointless when the products available do not meet requirements.
The table abstract below is an overview of the ranges part of the Express Availability program.
To know your product's availability, refer to the detailed charter accessible at: http://lrsm.co/dispofr

	Motors and geared motors	Range	*Lead times (with a selection of options)
General use	IMfinity IE2 - IP55 induction motors	0.75 to 355 kW	**D to D+10**
	IMfinity IE3 - IP55 induction motors	0.75** to 355 kW	**D to D+10**
	Dyneo® permanent magnet synchronous motors, including IEC motors	8.2 to 45 kW	**D+5**
		40 to 320 kW	**D+10**
	LS non-IE single speed induction motors	0.09 to 3 kW	**D to D+2**
	Single phase motors	0.06 to 1.5 kW	**D**
	Brake motors	0.25 to 45 kW	**D+1 to D+10**
	Helical geared motors	30 to 14,500 Nm	**D+5 to D+10**
	Motors with built-in drive	0.25 to 7,5 kW	**D+2 to D+5**

*Lead times in working days for an order received by the factory on day D before 12:00 am.
See details in page 162.
**0.75 to 5.5 kW from September 2016.

Designation

Compabloc: Cb / LS, LSES motors

Cb	33 33	24.3	S	S	B3	MI

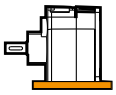
Series
Compabloc

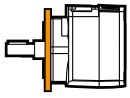
10 sizes
15--, 30-- to 38--

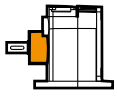
Index
--31
--33
--35

Exact reduction ratio
(rounded down to 0.005)
1.16 –> 252 (1 to 3 stages)
224 –> 40490 (combined)

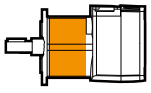
Fixing form

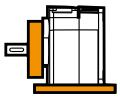

S
Feet


BS, BD

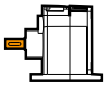

BT

Options


Flange BR


Feet and flange SBS, SBD

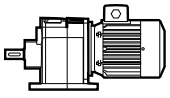
Output shaft

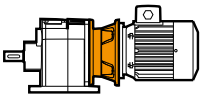

S
Solid cylindrical keyed

Operating positions

S, SBS, SBDx: feet
S M: Cb 15 multiposition
B3, B6, B7, B8, V5, V6: Cb 30 to 38
BS, BD, BR, BT: flange
B5, B52, B53, B54, V1, V3

Input type


MI


MUFF (B5 IEC motors)
MUFC (NEMA motors)

Options

AD (Cb36 to 38)
MI/AD MU/AD
specify clockwise or counter-clockwise

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.06 kW - 50 Hz		*Single phase LS 56 M-P[1] - Three-phase LS 56 M[1]* *Single phase LS 56 M-P FMD[1] - Three-phase LS 56 M FMD[1]*						
6.76	**1.44**	**3033**	204	63	3,717	129		
7.61	**1.62**	**3033**	181	56	3,856	129		
8.58	**1.36**	**1503**	161	49	1,580	125		
8.58	**1.83**	**3033**	161	49	3,982	129		
9.61	**1.51**	**1503**	144	43	1,710	125		
9.44	**2.01**	**3033**	146	45	4,072	129		
11.0	**1.72**	**1503**	125	38	1,710	125		
10.6	**2.26**	**3033**	130	40	4,174	129		
12.5	**1.92**	**1503**	110	33	1,800	125		
12.0	**2.55**	**3033**	115	35	4,264	129		
14.0	**2.14**	**1503**	98.3	30	1,800	125		
13.5	**2.87**	**3033**	102	31	4,344	129		
15.6	**2.36**	**1503**	88.2	27	1,800	125		
15.2	**3.23**	**3033**	91.1	28	4,414	129		
17.3	**2.58**	**1503**	79.7	24	1,820	125		
17.0	**3.62**	**3033**	81.3	25	4,476	129		
19.5	**2.85**	**1503**	70.8	21	1,820	125		
20.0	**4**	**3033**	69.1	21	4,552	129		
21.4	**3.06**	**1503**	64.6	20	1,820	125		
21.5	**5**	**3033**	64.1	20	4,584	129		
23.3	**3.27**	**1503**	59.1	18	1,820	125		
25.1	**5**	**3033**	55	17	4,641	129		
27.6	**3.77**	**1503**	50.1	15	1,820	125		
28.1	**6**	**3033**	49.2	15	4,678	129		
29.9	**3.98**	**1503**	46.2	14	1,820	125		
30.1	**6**	**3033**	45.9	14	4,698	129		
30.4	**6**	**3032**	45.4	14	4,467	127		
33.9	**4**	**1503**	40.8	12	1,820	125		
34.2	**7**	**3032**	40.3	13	4,472	127		
35.7	**8**	**3033**	38.7	12	4,744	129		
37.4	**5**	**1503**	36.9	11	1,820	125		
38.6	**8**	**3032**	35.7	11	4,477	127		
43.7	**4**	**1502**	31.5	10	1,900	125		
42.5	**9**	**3032**	32.5	10	4,480	127		
49.0	**6**	**1502**	28.2	9	1,900	125		
47.8	**10**	**3032**	28.8	9	4,437	127		
56.2	**7**	**1502**	24.5	8	1,900	125		
53.9	**11**	**3032**	25.6	8	4,266	127		
63.8	**7**	**1502**	21.6	7	1,900	125		
60.6	**13**	**3032**	22.8	7	4,107	127		
71.6	**8**	**1502**	19.3	6	1,900	125		
68.2	**14**	**3032**	20.2	6	3,953	127		
79.8	**9**	**1502**	17.3	5	1,900	125		
76.4	**16**	**3032**	18.1	6	3,804	127		
88.3	**10**	**1502**	15.6	5	1,900	125		
89.9	**19**	**3032**	15.4	5	3,607	127		
99.4	**10**	**1502**	13.9	4	1,900	125		
96.9	**20**	**3032**	14.2	4	3,522	127		
109	**11**	**1502**	12.7	4	1,802	125		
113	**23**	**3032**	12.2	4	3,347	127		
119	**12**	**1502**	11.6	4	1,802	125		
126	**26**	**3032**	10.9	3	3,228	127		
141	**13**	**1502**	9.81	3	1,802	125		
135	**28**	**3032**	10.2	3	3,154	127		
152	**14**	**1502**	9.07	3	1,613	125		
161	**33**	**3032**	8.59	3	2,978	127		
170	**6**	**3031**	8.13	3	1,922	113		
173	**16**	**1502**	7.99	2	1,613	125		
191	**7**	**3031**	7.22	2	1,866	113		
191	**16**	**1502**	7.23	2	1,613	125		
216	**8**	**3031**	6.4	2	1,791	113		
237	**9**	**3031**	5.82	2	1,733	113		
267	**10**	**3031**	5.17	2	1,664	113		
301	**11**	**3031**	4.58	1	1,618	113		
338	**13**	**3031**	4.08	1	1,556	113		
381	**14**	**3031**	3.63	1	1,495	113		
427	**16**	**3031**	3.24	1	1,439	113		
502	**19**	**3031**	2.75	1	1,362	113		
541	**20**	**3031**	2.55	1	1,328	113		
630	**23**	**3031**	2.19	1	1,261	113		
705	**26**	**3031**	1.96	1	1,213	113		
756	**28**	**3031**	1.83	1	1,185	113		
897	**33**	**3031**	1.54	0.5	1,116	113		
944	**35**	**3031**	1.46	0.5	1,097	113		
1043	**39**	**3031**	1.32	0.4	1,060	113		

[1] motor not concerned by the IE

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.09 kW - 50 Hz		*Single phase LS 63 M-P[1] - Three-phase LS 56 M[1]* *Single phase LS 63 M-P FMD[1] - Three-phase LS 56 M FMD[1]*						
6.86	**0.89**	**3033**	204	102	2,958	129		
7.72	**1.00**	**3033**	181	90	3,176	129		
8.70	**0.83**	**1503**	161	79	1,500	125		
8.71	**1.13**	**3033**	161	80	3,376	129		
9.75	**0.92**	**1503**	144	71	1,500	125		
9.58	**1.24**	**3033**	146	73	3,519	129		
11.2	**1.05**	**1503**	125	62	1,500	125		
10.8	**1.40**	**3033**	130	65	3,680	129		
12.7	**1.18**	**1503**	110	54	1,580	125		
12.2	**1.58**	**3033**	115	57	3,824	129		
14.2	**1.31**	**1503**	98.3	48	1,580	125		
13.7	**1.77**	**3033**	102	51	3,951	129		
15.9	**1.45**	**1503**	88.2	44	1,710	125		
15.4	**1.99**	**3033**	91.1	45	4,064	129		
17.6	**1.58**	**1503**	79.7	39	1,710	125		
17.2	**2.23**	**3033**	81.3	40	4,162	129		
19.8	**1.74**	**1503**	70.8	35	1,710	125		
20.3	**2.63**	**3033**	69.1	34	4,284	129		
21.7	**1.87**	**1503**	64.6	32	1,800	125		
21.9	**2.83**	**3033**	64.1	32	4,335	129		
23.7	**2.00**	**1503**	59.1	29	1,800	125		
25.4	**3.30**	**3033**	55	27	4,426	129		
28.0	**2.30**	**1503**	50.1	25	1,820	125		
28.5	**3.69**	**3033**	49.2	24	4,486	129		
30.3	**2.43**	**1503**	46.2	23	1,820	125		
30.5	**3.95**	**3033**	45.9	23	4,519	129		
30.9	**3.95**	**3032**	45.4	23	4,437	127		
34.4	**2.68**	**1503**	40.8	20	1,820	125		
34.7	**4**	**3032**	40.3	20	4,446	127		
36.2	**5**	**3033**	38.7	19	4,593	129		
38.0	**2.88**	**1503**	36.9	18	1,820	125		
38.1	**5**	**3033**	36.7	18	4,612	129		
39.2	**5**	**3032**	35.7	18	4,454	127		
44.4	**2.60**	**1502**	31.5	16	1,900	125		
42.1	**5**	**3033**	33.2	17	4,648	129		
43.1	**5**	**3032**	32.5	16	4,460	127		
49.7	**3.56**	**1502**	28.2	14	1,900	125		
48.5	**6**	**3032**	28.8	15	4,385	127		
57.1	**3.99**	**1502**	24.5	12	1,900	125		
54.7	**7**	**3032**	25.6	13	4,220	127		
64.7	**4**	**1502**	21.6	11	1,900	125		
61.5	**8**	**3032**	22.8	11	4,066	127		
72.6	**5**	**1502**	19.3	10	1,900	125		
69.2	**9**	**3032**	20.2	10	3,913	127		
80.9	**5**	**1502**	17.3	9	1,900	125		
77.5	**10**	**3032**	18.1	9	3,771	127		
89.6	**6**	**1502**	15.6	8	1,900	125		
91.2	**11**	**3032**	15.4	8	3,575	127		
101	**6**	**1502**	13.9	7	1,802	125		
98.3	**12**	**3032**	14.2	7	3,490	127		
111	**7**	**1502**	12.7	6	1,802	125		
114	**14**	**3032**	12.2	6	3,321	127		
121	**7**	**1502**	11.6	6	1,802	125		
128	**16**	**3032**	10.9	6	3,197	127		
143	**8**	**1502**	9.81	5	1,802	125		
137	**17**	**3032**	10.2	5	3,129	127		
154	**9**	**1502**	9.07	5	1,613	125		
163	**20**	**3032**	8.59	4	2,959	127		
172	**3.87**	**3031**	8.13	4	1,891	113		
175	**10**	**1502**	7.99	4	1,613	125		
172	**21**	**3032**	8.16	4	2,908	127		
194	**4**	**3031**	7.22	4	1,815	113		
194	**10**	**1502**	7.23	4	1,613	125		
190	**23**	**3032**	7.38	4	2,812	127		
219	**5**	**3031**	6.4	3	1,761	113		
241	**5**	**3031**	5.82	3	1,704	113		
271	**6**	**3031**	5.17	3	1,635	113		
305	**7**	**3031**	4.58	2	1,589	113		
343	**8**	**3031**	4.08	2	1,527	113		
386	**9**	**3031**	3.63	2	1,467	113		
433	**10**	**3031**	3.24	2	1,411	113		
509	**11**	**3031**	2.75	1	1,355	113		
549	**12**	**3031**	2.55	1	1,321	113		
639	**14**	**3031**	2.19	1	1,255	113		
716	**16**	**3031**	1.96	1	1,208	113		
767	**17**	**3031**	1.83	0.9	1,180	113		
910	**20**	**3031**	1.54	0.8	1,113	113		
958	**22**	**3031**	1.46	0.7	1,094	113		
1059	**24**	**3031**	1.32	0.7	1,058	113		

[1] motor not concerned by the IE

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.12 kW - 50 Hz		*Single phase LS 63 M-P[1] - Three-phase LS 63 M[1]* *Single phase LS 63 M-P FMD[1] - Three-phase LS 63 M FMD[1]*						
8.58	**0.80**	**3033**	161	114	2,732	129		
9.44	**0.88**	**3033**	146	103	2,929	129		
10.6	**0.99**	**3033**	130	92	3,152	129		
12.5	**0.83**	**1503**	110	77	1,500	125		
12.0	**1.11**	**3033**	115	81	3,353	129		
14.0	**0.92**	**1503**	98.3	69	1,500	125		
13.5	**1.25**	**3033**	102	72	3,529	129		
15.6	**1.02**	**1503**	88.2	62	1,500	125		
15.2	**1.41**	**3033**	91.1	64	3,687	129		
17.3	**1.11**	**1503**	79.7	56	1,580	125		
17.0	**1.57**	**3033**	81.3	57	3,824	129		
19.5	**1.23**	**1503**	70.8	50	1,580	125		
20.0	**1.85**	**3033**	69.1	49	3,995	129		
21.4	**1.32**	**1503**	64.6	45	1,580	125		
21.5	**2.00**	**3033**	64.1	45	4,066	129		
23.3	**1.41**	**1503**	59.1	41	1,710	125		
25.1	**2.33**	**3033**	55	39	4,195	129		
27.6	**1.63**	**1503**	50.1	35	1,710	125		
28.1	**2.60**	**3033**	49.2	35	4,279	129		
29.9	**1.72**	**1503**	46.2	32	1,800	125		
30.1	**2.79**	**3033**	45.9	32	4,325	129		
30.4	**2.79**	**3032**	45.4	32	4,399	127		
33.9	**1.89**	**1503**	40.8	29	1,800	125		
34.2	**3.13**	**3032**	40.3	29	4,414	127		
35.7	**3.30**	**3033**	38.7	27	4,429	129		
37.4	**2.03**	**1503**	36.9	26	1,820	125		
37.6	**3.47**	**3033**	36.7	26	4,457	129		
38.6	**3.53**	**3032**	35.7	25	4,427	127		
43.7	**1.83**	**1502**	31.5	22	1,900	125		
41.5	**3.82**	**3033**	33.2	23	4,507	129		
42.5	**3.88**	**3032**	32.5	23	4,436	127		
49.0	**2.51**	**1502**	28.2	20	1,900	125		
47.8	**4**	**3032**	28.8	21	4,375	127		
56.2	**2.80**	**1502**	24.5	17	1,900	125		
53.9	**5**	**3032**	25.6	18	4,215	127		
63.8	**3.14**	**1502**	21.6	15	1,900	125		
60.6	**6**	**3032**	22.8	16	4,060	127		
71.6	**3.47**	**1502**	19.3	14	1,900	125		
68.2	**6**	**3032**	20.2	14	3,912	127		
79.8	**3.79**	**1502**	17.3	12	1,900	125		
76.4	**7**	**3032**	18.1	13	3,769	127		
88.3	**4**	**1502**	15.6	11	1,900	125		
89.9	**8**	**3032**	15.4	11	3,577	127		
99.4	**5**	**1502**	13.9	10	1,900	125		
96.9	**9**	**3032**	14.2	10	3,491	127		
109	**5**	**1502**	12.7	9	1,802	125		
113	**10**	**3032**	12.2	9	3,321	127		
119	**5**	**1502**	11.6	8	1,802	125		
126	**11**	**3032**	10.9	8	3,202	127		
141	**6**	**1502**	9.81	7	1,802	125		
135	**12**	**3032**	10.2	7	3,134	127		
152	**6**	**1502**	9.07	6	1,613	125		
161	**14**	**3032**	8.59	6	2,963	127		
170	**2.73**	**3031**	8.13	6	1,859	113		
173	**7**	**1502**	7.99	6	1,613	125		
169	**15**	**3032**	8.16	6	2,912	127		
191	**3.07**	**3031**	7.22	5	1,804	113		
191	**7**	**1502**	7.23	5	1,613	125		
187	**16**	**3032**	7.38	5	2,821	127		
216	**3.47**	**3031**	6.4	5	1,728	113		
237	**3.82**	**3031**	5.82	4	1,692	113		
267	**4**	**3031**	5.17	4	1,623	113		
301	**5**	**3031**	4.58	3	1,577	113		
338	**5**	**3031**	4.08	3	1,514	113		
381	**6**	**3031**	3.63	3	1,454	113		
427	**7**	**3031**	3.24	2	1,418	113		
502	**8**	**3031**	2.75	2	1,341	113		
541	**9**	**3031**	2.55	2	1,307	113		
630	**10**	**3031**	2.19	2	1,240	113		
705	**11**	**3031**	1.96	1	1,213	113		
756	**12**	**3031**	1.83	1	1,185	113		
897	**14**	**3031**	1.54	1	1,119	113		
944	**15**	**3031**	1.46	1	1,099	113		
1043	**17**	**3031**	1.32	1	1,062	113		

[1] motor not concerned by the IE

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.18 kW - 50 Hz		*Single phase LS 71 L-P[1] - Three-phase LS 63 M[1]* *Single phase LS 71 L-P FMD[1] - Three-phase LS 63 M FMD[1]*						
13.6	**0.80**	**3033**	102	112	2,756	129		
15.3	**0.91**	**3033**	91.1	100	2,994	129		
17.1	**1.01**	**3033**	81.3	89	3,202	129		
19.6	**0.79**	**1503**	70.8	77	1,500	125		
20.1	**1.19**	**3033**	69.1	76	3,462	129		
21.5	**0.85**	**1503**	64.6	70	1,500	125		
21.7	**1.29**	**3033**	64.1	70	3,570	129		
23.5	**0.91**	**1503**	59.1	65	1,500	125		
25.3	**1.50**	**3033**	55	60	3,765	129		
27.8	**1.04**	**1503**	50.1	55	1,580	125		
28.3	**1.68**	**3033**	49.2	54	3,894	129		
30.1	**1.10**	**1503**	46.2	50	1,580	125		
30.3	**1.80**	**3033**	45.9	50	3,965	129		
30.6	**1.80**	**3032**	45.4	50	4,313	127		
34.1	**1.21**	**1503**	40.8	44	1,710	125		
34.5	**2.02**	**3032**	40.3	45	4,342	127		
36.0	**2.13**	**3033**	38.7	42	4,124	129		
37.7	**1.31**	**1503**	36.9	40	1,710	125		
37.9	**2.24**	**3033**	36.7	40	4,167	129		
38.9	**2.27**	**3032**	35.7	40	4,366	127		
44.1	**1.18**	**1502**	31.5	35	1,800	125		
41.8	**2.46**	**3033**	33.2	36	4,244	129		
42.8	**2.50**	**3032**	32.5	36	4,383	127		
49.4	**1.61**	**1502**	28.2	31	1800	125		
48.2	**2.81**	**3032**	28.8	32	4,308	127		
56.7	**1.80**	**1502**	24.5	27	1,800	125		
54.3	**3.16**	**3032**	25.6	28	4,154	127		
64.2	**2.01**	**1502**	21.6	24	1,900	125		
61.1	**3.54**	**3032**	22.8	25	4,005	127		
72.1	**2.23**	**1502**	19.3	21	1,900	125		
68.7	**3.97**	**3032**	20.2	22	3,861	127		
80.4	**2.44**	**1502**	17.3	19	1,900	125		
77.0	**4**	**3032**	18.1	20	3,724	127		
88.9	**2.65**	**1502**	15.6	17	1,900	125		
90.5	**5**	**3032**	15.4	17	3,537	127		
100	**2.89**	**1502**	13.9	15	1,802	125		
97.6	**6**	**3032**	14.2	16	3,452	127		
110	**3.09**	**1502**	12.7	14	1,802	125		
114	**6**	**3032**	12.2	14	3,288	127		
120	**3.27**	**1502**	11.6	13	1,802	125		
127	**7**	**3032**	10.9	12	3,174	127		
142	**3.69**	**1502**	9.81	11	1,802	125		
136	**8**	**3032**	10.2	11	3,105	127		
153	**3.9**	**1502**	9.07	10	1,613	125		
162	**9**	**3032**	8.59	10	2,935	127		
171	**1.76**	**3031**	8.13	9	1,791	113		
174	**4**	**1502**	7.99	9	1,613	125		
170	**10**	**3032**	8.16	9	2,889	127		
192	**1.98**	**3031**	7.22	8	1,736	113		
192	**5**	**1502**	7.23	8	1,613	125		
188	**11**	**3032**	7.38	8	2,798	127		
217	**2.23**	**3031**	6.4	7	1,682	113		
239	**2.46**	**3031**	5.82	7	1,625	113		
269	**2.77**	**3031**	5.17	6	1,577	113		
303	**3.12**	**3031**	4.58	5	1,531	113		
341	**3.51**	**3031**	4.08	5	1,468	113		
383	**3.95**	**3031**	3.63	4	1,429	113		
430	**4**	**3031**	3.24	4	1,373	113		
505	**5**	**3031**	2.75	3	1,317	113		
545	**6**	**3031**	2.55	3	1,283	113		
635	**7**	**3031**	2.19	2	1,237	113		
710	**7**	**3031**	1.96	2	1,190	113		
761	**8**	**3031**	1.83	2	1,162	113		
904	**9**	**3031**	1.54	2	1,094	113		
951	**10**	**3031**	1.46	2	1,076	113		
1051	**11**	**3031**	1.32	1	1,059	113		

[1] motor not concerned by the IE

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.25 kW - 50 Hz		*Single phase LS 71 L-P[1]* - Three-phase LS 71 M[1]* *Single phase LS 71 L-P FMD[1]* - Three-phase LS 71 M FFB1[1]*						
0.16	**0.79**	**3735**	8830	12841	18,855	147		
0.18	**0.89**	**3735**	7780	11304	22,478	147		
0.20	**0.99**	**3735**	7000	10178	25,133	147		
0.23	**1.13**	**3735**	6170	8968	27,985	147		
0.25	**1.20**	**3735**	5770	8393	29,342	147		
0.28	**1.39**	**3735**	5010	7281	31,962	147		
0.31	**1.43**	**3735**	4600	6757	33,197	147		
0.36	**1.67**	**3735**	3940	5786	35,485	147		
0.39	**0.81**	**3635**	3610	5308	22,316	147		
0.40	**1.84**	**3735**	3590	5277	36,686	147		
0.46	**0.94**	**3635**	3090	4546	24,460	147		
0.44	**2.03**	**3735**	3250	4780	37,856	147		
0.51	**1.03**	**3635**	2820	4145	25,586	147		
0.51	**2.38**	**3735**	2770	4078	39,511	147		
0.56	**0.82**	**3535**	2550	3782	9,725	147		
0.56	**1.14**	**3635**	2560	3755	26,682	147		
0.58	**2.67**	**3735**	2470	3625	40,580	147		
0.63	**0.93**	**3535**	2260	3352	12,440	147		
0.65	**1.34**	**3635**	2180	3204	28,233	147		
0.64	**2.97**	**3735**	2220	3258	41,445	147		
0.72	**1.06**	**3535**	1970	2933	15,085	147		
0.74	**1.51**	**3635**	1940	2848	29,234	147		
0.73	**3.38**	**3735**	1950	2868	42,364	147		
0.82	**1.21**	**3535**	1740	2581	17,308	147		
0.82	**1.68**	**3635**	1740	2560	30,045	147		
0.81	**3.75**	**3735**	1760	2582	43,037	147		
0.93	**1.90**	**3635**	1530	2253	30,906	147		
0.92	**4.26**	**3735**	1550	2275	43,761	147		
0.99	**1.44**	**3535**	1440	2136	20,118	147		
1.03	**2.11**	**3635**	1380	2029	31,537	147		
0.98	**5**	**3735**	1450	2129	44,105	147		
1.15	**0.86**	**3435**	1240	1860	4,959	147		
1.09	**1.59**	**3535**	1300	1936	21,381	147		
1.17	**2.40**	**3635**	1220	1788	32,216	147		
1.13	**5**	**3735**	1260	1847	44,770	147		
1.26	**0.95**	**3435**	1130	1694	7,214	147		
1.25	**1.82**	**3535**	1140	1688	22,947	147		
1.25	**2.56**	**3635**	1140	1673	32,538	147		
1.26	**5.76**	**3735**	1130	1683	45,158	147		
1.46	**1.10**	**3435**	975	1463	10,113	147		
1.38	**2.00**	**3535**	1040	1537	23,900	147		
1.44	**2.95**	**3635**	988	1451	33,161	147		
1.47	**7**	**3735**	970	1441	45,728	147		
1.64	**1.23**	**3435**	869	1305	11,908	147		
1.59	**2.32**	**3535**	894	1328	25,220	147		
1.60	**3.24**	**3635**	890	1322	33,525	147		
1.61	**7**	**3735**	885	1314	46,027	147		
1.83	**1.37**	**3435**	779	1169	13,300	147		
1.79	**2.60**	**3535**	797	1184	25,856	147		
1.87	**3.79**	**3635**	762	1132	34,059	147		
1.78	**8**	**3735**	801	1190	46,319	147		
2.09	**1.57**	**3435**	681	1023	14,631	147		
2.00	**2.90**	**3535**	714	1061	25,869	147		
2.05	**4**	**3635**	695	1032	34,339	147		
2.08	**10**	**3735**	684	1016	46,731	147		

[1] motor not concerned by the IE

** single phase motor for Compabloc 15 and Compabloc 30 only*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.25 kW - 50 Hz		*Single phase LS 71 L-P[1]* - Three-phase LS 71 M[1]* *Single phase LS 71 L-P FMD[1]* - Three-phase LS 71 M FFB1[1]*						
2.33	**0.88**	**3335**	612	919	4,492	147		
2.21	**1.66**	**3435**	644	967	15,089	147		
2.28	**3.31**	**3535**	625	928	25,865	147		
2.26	**5**	**3635**	630	935	34,612	147		
2.34	**11**	**3735**	608	903	46,997	147		
2.61	**0.98**	**3335**	546	820	6,123	147		
2.63	**1.97**	**3435**	543	815	16,190	147		
2.41	**3.50**	**3535**	591	878	25,861	147		
2.65	**5**	**3635**	537	798	34,999	147		
2.61	**12**	**3735**	546	811	47,212	147		
3.07	**1.16**	**3335**	464	697	7,884	147		
2.79	**2.09**	**3435**	511	768	16,481	147		
2.86	**4**	**3535**	498	739	25,853	147		
2.98	**6**	**3635**	477	709	35,248	147		
3.31	**1.25**	**3335**	431	646	8,522	147		
3.14	**2.36**	**3435**	453	680	16,959	147		
3.04	**4**	**3535**	469	696	25,854	147		
3.32	**7**	**3635**	429	637	35,450	147		
3.85	**0.82**	**3235**	371	556	1,224	147		
3.85	**1.45**	**3335**	370	555	9,543	147		
3.59	**2.70**	**3435**	396	595	17,344	147		
3.43	**5**	**3535**	416	617	25,860	147		
4.31	**0.92**	**3235**	331	497	2,028	147		
4.31	**1.62**	**3335**	330	496	10,118	147		
4.08	**3.06**	**3435**	349	524	17,602	147		
3.92	**6**	**3535**	364	540	25,877	147		
4.61	**0.98**	**3235**	309	464	2,606	147		
4.62	**1.74**	**3335**	308	463	10,409	147		
4.45	**6**	**3535**	320	475	25,901	147		
5.48	**1.17**	**3235**	260	391	4,087	147		
5.49	**2.07**	**3335**	260	390	10,974	147		
5.76	**1.23**	**3235**	247	371	4,509	147		
5.77	**2.18**	**3335**	247	371	11,107	147		
6.37	**1.36**	**3235**	224	336	5,277	147		
6.38	**2.40**	**3335**	223	335	11,329	147		
6.99	**1.48**	**3233**	204	309	5,849	133		
7.11	**2.75**	**3333**	200	304	11,505	135		
8.17	**1.72**	**3233**	174	265	6,749	133		
7.87	**3.04**	**3333**	181	275	11,653	135		
9.01	**0.85**	**3133**	158	240	2,571	131		
8.96	**1.89**	**3233**	159	241	7,182	133		
8.79	**3.40**	**3333**	162	246	11,782	135		
9.89	**0.93**	**3133**	144	218	3,188	131		
9.89	**2.09**	**3233**	144	219	7,502	133		
10.1	**3.91**	**3333**	141	214	11,907	135		
11.5	**1.08**	**3133**	124	189	3,973	131		
11.6	**2.45**	**3233**	123	187	7,594	133		
11.4	**4.42**	**3333**	125	189	11,988	135		
12.9	**1.20**	**3133**	111	168	4,463	131		
13.0	**2.75**	**3233**	109	166	7,654	133		
12.5	**5**	**3333**	114	174	12,032	135		
14.3	**1.30**	**3133**	99.4	151	4,852	131		
14.5	**3.06**	**3233**	98.2	149	7,703	133		
14.1	**5**	**3333**	101	153	12,084	135		

[1] motor not concerned by the IE

** single phase motor for Compabloc 15 and Compabloc 30 only*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
0.25 kW - 50 Hz		*Single phase LS 71 L-P[1]* - Three-phase LS 71 M[1]* *Single phase LS 71 L-P FMD[1]* - Three-phase LS 71 M FFB1[1]*						
16.4	**1.43**	**3133**	87	132	5,238	131		
16.5	**3.48**	**3233**	86.5	131	7,755	133		
15.8	**6**	**3333**	90.1	137	12,120	135		
17.3	**1.49**	**3133**	82.2	125	5,376	131		
18.3	**3.86**	**3233**	77.9	118	7,792	133		
17.6	**7**	**3333**	80.9	123	12,147	135		
20.6	**0.86**	**3033**	69.1	105	2,898	129		
20.6	**1.67**	**3133**	69.2	105	5,659	131		
20.8	**4**	**3233**	68.6	104	7,833	133		
19.1	**7**	**3333**	74.4	113	12,163	135		
22.2	**0.93**	**3033**	64.1	97	3,045	129		
21.8	**1.74**	**3133**	65.3	99	5,681	131		
22.2	**5**	**3233**	64.2	97	7,853	133		
21.6	**8**	**3333**	66.1	100	12,181	135		
25.9	**1.08**	**3033**	55	83	3,310	129		
24.6	**1.89**	**3133**	57.8	88	5,722	131		
25.6	**5**	**3233**	55.7	85	7,887	133		
29.0	**1.21**	**3033**	49.2	75	3,484	129		
29.0	**2.71**	**3133**	49.1	75	5,770	131		
28.4	**6**	**3233**	50.2	77	7,910	133		
29.3	**11**	**3333**	48.7	75	12,208	135		
30.8	**0.79**	**1503**	46.2	70	1,710	125		
31.1	**1.30**	**3033**	45.9	70	3,582	129		
31.4	**1.30**	**3032**	45.4	70	4,200	127		
32.0	**2.98**	**3133**	44.5	68	5,796	131		
33.2	**7**	**3233**	43	66	7,942	133		
32.4	**12**	**3333**	44	67	12,213	135		
35.0	**0.87**	**1503**	40.8	62	1,710	125		
35.3	**1.46**	**3032**	40.3	62	4,248	127		
36.9	**1.54**	**3033**	38.7	59	3,799	129		
36.7	**3.41**	**3133**	38.8	60	5,825	131		
36.4	**8**	**3233**	39.2	60	7,959	133		
36.2	**13**	**3333**	39.4	60	12,217	135		
38.7	**0.94**	**1503**	36.9	56	1,580	125		
38.8	**1.62**	**3033**	36.7	56	3,857	129		
39.9	**1.64**	**3032**	35.7	55	4,288	127		
40.3	**3.74**	**3133**	35.4	54	5,848	131		
40.1	**8**	**3233**	35.5	54	7,976	133		
41.7	**15**	**3333**	34.2	52	12,221	135		
42.9	**1.78**	**3033**	33.2	50	3,963	129		
43.9	**1.80**	**3032**	32.5	50	4,287	127		
46.6	**4**	**3133**	30.6	47	5,874	131		
47.0	**10**	**3233**	30.3	46	7,999	133		
47.1	**17**	**3333**	30.2	46	12,222	135		
50.6	**1.16**	**1502**	28.2	43	1,710	125		
49.4	**2.03**	**3032**	28.8	44	4,210	127		
52.3	**5**	**3133**	27.2	42	5,892	131		
52.9	**11**	**3233**	26.9	41	8,014	133		
51.3	**19**	**3333**	27.8	43	12,223	135		
58.1	**1.30**	**1502**	24.5	37	1,710	125		
55.7	**2.28**	**3032**	25.6	39	4,062	127		
58.4	**5**	**3133**	24.4	37	5,911	131		
58.9	**12**	**3233**	24.2	37	8,025	133		
58.0	**21**	**3333**	24.6	38	12,224	135		

[1] motor not concerned by the IE

** single phase motor for Compabloc 15 and Compabloc 30 only*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
0.25 kW - 50 Hz		*Single phase LS 71 L-P[1]* - Three-phase LS 71 M[1]* *Single phase LS 71 L-P FMD[1]* - Three-phase LS 71 M FFB1[1]*						
65.9	**1.45**	**1502**	21.6	33	1,800	125		
62.6	**2.56**	**3032**	22.8	35	3,919	127		
66.7	**6**	**3133**	21.4	33	5,926	131		
66.9	**14**	**3233**	21.3	33	8,037	133		
65.1	**24**	**3333**	21.9	34	12,224	135		
73.9	**1.61**	**1502**	19.3	29	1,800	125		
70.4	**2.87**	**3032**	20.2	31	3,782	127		
70.6	**6**	**3133**	20.2	31	5,933	131		
74.3	**15**	**3233**	19.2	29	8,045	133		
72.6	**27**	**3333**	19.6	30	12,224	135		
82.4	**1.76**	**1502**	17.3	26	1,800	125		
78.9	**3.20**	**3032**	18.1	28	3,651	127		
83.8	**8**	**3133**	17	26	5,704	131		
84.3	**17**	**3233**	16.9	26	7,722	133		
78.8	**29**	**3333**	18.1	28	12,223	135		
91.2	**1.91**	**1502**	15.6	24	1,800	125		
92.8	**3.75**	**3032**	15.4	24	3,471	127		
88.9	**8**	**3133**	16	25	5,595	131		
90.1	**17**	**3233**	15.8	24	7,560	133		
88.8	**33**	**3333**	16.1	25	12,223	135		
103	**2.09**	**1502**	13.9	21	1,802	125		
100	**4**	**3032**	14.2	22	3,392	127		
100	**9**	**3133**	14.2	22	5,388	131		
104	**19**	**3233**	13.7	21	7,220	133		
113	**2.23**	**1502**	12.7	19	1,802	125		
117	**5**	**3032**	12.2	19	3,234	127		
115	**10**	**3133**	12.4	19	5,167	131		
116	**13**	**3233**	12.3	19	6,949	133		
114	**21**	**3333**	12.5	19	12,786	135		
123	**2.36**	**1502**	11.6	18	1,802	125		
130	**5**	**3032**	10.9	17	3,122	127		
130	**11**	**3133**	10.9	17	4,959	131		
132	**15**	**3233**	10.8	17	6,667	133		
145	**2.66**	**1502**	9.81	15	1,802	125		
140	**6**	**3032**	10.2	16	3,054	127		
137	**9**	**3133**	10.4	16	4,877	131		
147	**17**	**3233**	9.72	15	6,446	133		
157	**2.81**	**1502**	9.07	14	1,613	125		
166	**7**	**3032**	8.59	13	2,895	127		
162	**11**	**3133**	8.79	13	4,621	131		
166	**19**	**3233**	8.57	13	6,187	133		
175	**1.27**	**3031**	8.13	13	1,691	113		
178	**3.11**	**1502**	7.99	12	1,613	125		
180	**4**	**3131**	7.91	12	2,053	115		
176	**6**	**3231**	8.08	13	2,667	117		
175	**7**	**3032**	8.16	13	2,845	127		
172	**11**	**3133**	8.28	13	4,528	131		
182	**12**	**3331**	7.83	12	4,868	119		
178	**20**	**3233**	8.02	12	6,056	133		

[1] motor not concerned by the IE

** single phase motor for Compabloc 15 and Compabloc 30 only*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.25 kW - 50 Hz		*Single phase LS 71 L-P[1]* - Three-phase LS 71 M[1]* *Single phase LS 71 L-P FMD[1]* - Three-phase LS 71 M FFB1[1]*						
197	**1.43**	**3031**	7.22	11	1,658	113		
197	**3.28**	**1502**	7.23	11	1,613	125		
199	**5**	**3131**	7.17	11	1,995	115		
206	**7**	**3231**	6.92	11	2,539	117		
193	**8**	**3032**	7.38	11	2,760	127		
194	**13**	**3133**	7.34	11	4,360	131		
201	**14**	**3331**	7.08	11	4,708	119		
223	**1.61**	**3031**	6.4	10	1,604	113		
228	**5**	**3131**	6.25	10	1,913	115		
226	**8**	**3231**	6.31	10	2,464	117		
222	**14**	**3133**	6.42	10	4,174	131		
225	**15**	**3331**	6.33	10	4,538	119		
245	**1.78**	**3031**	5.82	9	1,568	113		
250	**6**	**3131**	5.69	9	1,864	115		
249	**9**	**3231**	5.71	9	2,388	117		
252	**16**	**3133**	5.65	9	4,004	131		
259	**18**	**3331**	5.5	9	4,331	119		
276	**2.00**	**3031**	5.17	8	1,521	113		
290	**7**	**3131**	4.92	8	1,784	115		
292	**11**	**3231**	4.88	8	2,266	117		
293	**20**	**3331**	4.87	8	4,160	119		
311	**2.25**	**3031**	4.58	7	1,476	113		
325	**7**	**3131**	4.38	7	1,726	115		
329	**12**	**3231**	4.33	7	2,183	117		
319	**22**	**3331**	4.47	7	4,047	119		
350	**2.53**	**3031**	4.08	6	1,435	113		
363	**8**	**3131**	3.93	6	1,675	115		
366	**13**	**3231**	3.89	6	2,110	117		
361	**25**	**3331**	3.95	6	3,886	119		
393	**2.85**	**3031**	3.63	6	1,374	113		
415	**9**	**3131**	3.44	5	1,612	115		
416	**15**	**3231**	3.43	5	2,026	117		
405	**27**	**3331**	3.52	5	3,742	119		
440	**3.19**	**3031**	3.24	5	1,339	113		
438	**10**	**3131**	3.25	5	1,580	115		
462	**17**	**3231**	3.09	5	1,954	117		
451	**28**	**3331**	3.16	5	3,608	119		
518	**3.76**	**3031**	2.75	4	1,284	113		
521	**12**	**3131**	2.74	4	1,503	115		
524	**19**	**3231**	2.72	4	1,877	117		
490	**33**	**3331**	2.91	5	3,509	119		
559	**4**	**3031**	2.55	4	1,250	113		
553	**13**	**3131**	2.58	4	1,472	115		
560	**20**	**3231**	2.55	4	1,835	117		
552	**37**	**3331**	2.58	4	3,376	119		
651	**5**	**3031**	2.19	3	1,205	113		
623	**14**	**3131**	2.29	4	1,412	115		
645	**23**	**3231**	2.21	3	1,755	117		
728	**5**	**3031**	1.96	3	1,158	113		
713	**16**	**3131**	2	3	1,362	115		
780	**6**	**3031**	1.83	3	1,130	113		
810	**17**	**3131**	1.76	3	1,303	115		
926	**7**	**3031**	1.54	2	1,085	113		
975	**7**	**3031**	1.46	2	1,067	113		
1077	**8**	**3031**	1.32	2	1,030	113		

[1] motor not concerned by the IE

** single phase motor for Compabloc 15 and Compabloc 30 only*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.37 kW - 50 Hz		*Single phase LS 71 L-P[1]* - Three-phase LS 71 M[1]* *Single phase LS 71 L-P FMD[1]* - Three-phase LS 71 M FFB1[1]*						
0.25	**0.79**	**3735**	5770	12710	19,166	147		
0.28	**0.92**	**3735**	5010	11026	23,133	147		
0.31	**0.95**	**3735**	4600	10233	25,005	147		
0.36	**1.11**	**3735**	3940	8763	28,470	147		
0.40	**1.21**	**3735**	3590	7991	30,288	147		
0.44	**1.34**	**3735**	3250	7239	32,060	147		
0.51	**1.57**	**3735**	2770	6176	34,567	147		
0.58	**1.77**	**3735**	2470	5490	36,184	147		
0.65	**0.88**	**3635**	2180	4852	23,599	147		
0.64	**1.96**	**3735**	2220	4934	37,494	147		
0.73	**0.99**	**3635**	1940	4313	25,115	147		
0.73	**2.23**	**3735**	1950	4344	38,886	147		
0.82	**0.80**	**3535**	1740	3909	8,923	147		
0.82	**1.11**	**3635**	1740	3876	26,343	147		
0.81	**2.48**	**3735**	1760	3911	39,906	147		
0.93	**1.26**	**3635**	1530	3412	27,647	147		
0.92	**2.81**	**3735**	1550	3446	41,002	147		
0.99	**0.95**	**3535**	1440	3235	13,178	147		
1.03	**1.40**	**3635**	1380	3072	28,603	147		
0.98	**3.01**	**3735**	1450	3225	41,523	147		
1.09	**1.05**	**3535**	1300	2931	15,098	147		
1.17	**1.58**	**3635**	1220	2707	29,630	147		
1.13	**3.46**	**3735**	1260	2798	42,530	147		
1.25	**1.20**	**3535**	1140	2556	17,466	147		
1.25	**1.69**	**3635**	1140	2533	30,119	147		
1.25	**3.80**	**3735**	1130	2548	43,118	147		
1.37	**1.32**	**3535**	1040	2328	18,906	147		
1.44	**1.95**	**3635**	988	2198	31,062	147		
1.46	**4**	**3735**	970	2182	43,981	147		
1.63	**0.81**	**3435**	869	1976	3,315	147		
1.59	**1.53**	**3535**	894	2011	20,908	147		
1.60	**2.14**	**3635**	890	2002	31,613	147		
1.61	**5**	**3735**	885	1990	44,434	147		
1.82	**0.91**	**3435**	779	1771	6,190	147		
1.78	**1.71**	**3535**	797	1793	22,284	147		
1.86	**2.50**	**3635**	762	1714	32,422	147		
1.77	**5**	**3735**	801	1803	44,875	147		
2.08	**1.04**	**3435**	681	1549	9,069	147		
1.99	**1.91**	**3535**	714	1607	23,458	147		
2.04	**2.74**	**3635**	695	1563	32,846	147		
2.08	**6**	**3735**	684	1538	45,499	147		
2.20	**1.10**	**3435**	644	1465	10,095	147		
2.27	**2.19**	**3535**	625	1406	24,728	147		
2.26	**3.03**	**3635**	630	1416	33,260	147		
2.34	**7**	**3735**	608	1367	45,902	147		
2.62	**1.30**	**3435**	543	1233	12,659	147		
2.40	**2.31**	**3535**	591	1329	25,214	147		
2.64	**3.55**	**3635**	537	1208	33,845	147		
2.60	**8**	**3735**	546	1229	46,228	147		
2.78	**1.38**	**3435**	511	1162	13,367	147		
2.85	**2.75**	**3535**	498	1119	25,866	147		
2.97	**3.99**	**3635**	477	1074	34,222	147		
2.95	**9**	**3735**	481	1082	46,575	147		
3.30	**0.82**	**3335**	431	979	3,408	147		
3.13	**1.56**	**3435**	453	1030	14,570	147		
3.03	**2.91**	**3535**	469	1055	25,869	147		
3.31	**4**	**3635**	429	965	34,528	147		
3.28	**10**	**3735**	433	974	46,829	147		
3.84	**0.96**	**3335**	370	841	5,796	147		
3.58	**1.78**	**3435**	396	901	15,591	147		
3.42	**3.29**	**3535**	416	935	25,865	147		
3.76	**5**	**3635**	378	850	34,853	147		
3.72	**11**	**3735**	381	858	47,102	147		

[1] motor not concerned by the IE

** single phase motor for Compabloc 15 and Compabloc 30 only*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.37 kW - 50 Hz		*Single phase LS 71 L-P[1]* - Three-phase LS 71 M[1]* *Single phase LS 71 L-P FMD[1]* - Three-phase LS 71 M FFB1[1]*						
4.30	**1.07**	**3335**	330	751	7,148	147		
4.07	**2.02**	**3435**	349	793	16,324	147		
3.91	**3.76**	**3535**	364	818	25,857	147		
4.18	**6**	**3635**	340	765	35,091	147		
3.98	**12**	**3735**	357	803	47,232	147		
4.61	**1.15**	**3335**	308	701	7,832	147		
4.44	**4**	**3535**	320	720	25,853	147		
4.74	**6**	**3635**	300	674	35,346	147		
5.47	**1.36**	**3335**	260	591	9,167	147		
5.06	**7**	**3635**	280	631	35,468	147		
5.74	**0.81**	**3235**	247	562	1,166	147		
5.75	**1.44**	**3335**	247	561	9,483	147		
6.35	**0.90**	**3235**	224	509	1,842	147		
6.36	**1.59**	**3335**	223	508	10,010	147		
6.97	**0.97**	**3233**	204	468	2,526	133		
7.08	**1.81**	**3333**	200	461	10,429	135		
8.14	**1.14**	**3233**	174	401	3,870	133		
7.84	**2.01**	**3333**	181	416	10,784	135		
8.93	**1.25**	**3233**	159	366	4,631	133		
8.76	**2.24**	**3333**	162	372	11,095	135		
9.85	**1.38**	**3233**	144	331	5,379	133		
10.1	**2.58**	**3333**	141	323	11,399	135		
11.6	**1.62**	**3233**	123	283	6,398	133		
11.4	**2.92**	**3333**	125	286	11,598	135		
12.8	**0.79**	**3133**	111	255	2,114	131		
13.0	**1.82**	**3233**	109	251	7,005	133		
12.4	**3.17**	**3333**	114	263	11,707	135		
14.3	**0.86**	**3133**	99.4	228	2,909	131		
14.5	**2.02**	**3233**	98.2	226	7,453	133		
14.0	**3.59**	**3333**	101	232	11,837	135		
16.3	**0.95**	**3133**	87	200	3,690	131		
16.4	**2.30**	**3233**	86.5	199	7,559	133		
15.8	**4**	**3333**	90.1	207	11,929	135		
17.3	**0.99**	**3133**	82.2	189	3,968	131		
18.2	**2.55**	**3233**	77.9	179	7,617	133		
17.6	**4**	**3333**	80.9	186	11,997	135		
20.5	**1.11**	**3133**	69.2	159	4,671	131		
20.7	**2.90**	**3233**	68.6	158	7,677	133		
19.1	**5**	**3333**	74.4	171	12,039	135		
21.8	**1.15**	**3133**	65.3	150	4,871	131		
22.1	**3.09**	**3233**	64.2	148	7,706	133		
21.5	**6**	**3333**	66.1	152	12,087	135		
24.6	**1.25**	**3133**	57.8	133	5,220	131		
25.5	**3.57**	**3233**	55.7	128	7,764	133		
28.9	**0.80**	**3033**	49.2	113	2,743	129		
28.9	**1.79**	**3133**	49.1	114	5,572	131		
28.3	**3.92**	**3233**	50.2	117	7,795	133		
29.2	**7**	**3333**	48.7	113	12,163	135		
31.0	**0.86**	**3033**	45.9	105	2,887	129		
31.3	**0.86**	**3032**	45.4	105	3,590	127		
31.9	**1.97**	**3133**	44.5	103	5,666	131		
33.0	**5**	**3233**	43	100	7,844	133		
32.3	**8**	**3333**	44	102	12,179	135		
35.2	**0.96**	**3032**	40.3	94	3,623	127		
36.7	**1.01**	**3033**	38.7	89	3,207	129		
36.6	**2.25**	**3133**	38.8	90	5,714	131		
36.2	**5**	**3233**	39.2	91	7,870	133		
36.1	**9**	**3333**	39.4	91	12,192	135		

[1] motor not concerned by the IE

** single phase motor for Compabloc 15 and Compabloc 30 only*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.37 kW - 50 Hz		*Single phase LS 71 L-P[1]* - Three-phase LS 71 M[1]* *Single phase LS 71 L-P FMD[1]* - Three-phase LS 71 M FFB1[1]*						
38.7	**1.07**	**3033**	36.7	84	3,293	129		
39.7	**1.08**	**3032**	35.7	83	3,659	127		
40.1	**2.47**	**3133**	35.4	82	5,744	131		
40.0	**6**	**3233**	35.5	82	7,896	133		
41.6	**10**	**3333**	34.2	79	12,204	135		
42.7	**1.17**	**3033**	33.2	76	3,450	129		
43.7	**1.19**	**3032**	32.5	75	3,678	127		
46.5	**2.85**	**3133**	30.6	71	5,785	131		
46.9	**6**	**3233**	30.3	70	7,930	133		
47.0	**11**	**3333**	30.2	70	12,211	135		
49.2	**1.34**	**3032**	28.8	67	3,661	127		
52.1	**3.19**	**3133**	27.2	63	5,814	131		
52.7	**7**	**3233**	26.9	63	7,951	133		
51.1	**12**	**3333**	27.8	65	12,215	135		
55.5	**1.50**	**3032**	25.6	59	3,650	127		
58.2	**3.55**	**3133**	24.4	57	5,837	131		
58.7	**8**	**3233**	24.2	56	7,971	133		
57.8	**14**	**3333**	24.6	57	12,219	135		
62.4	**1.69**	**3032**	22.8	53	3,602	127		
66.5	**4**	**3133**	21.4	50	5,863	131		
66.7	**9**	**3233**	21.3	49	7,991	133		
64.9	**16**	**3333**	21.9	51	12,221	135		
70.2	**1.89**	**3032**	20.2	47	3,561	127		
70.3	**4**	**3133**	20.2	47	5,874	131		
74.0	**10**	**3233**	19.2	45	7,972	133		
72.3	**18**	**3333**	19.6	46	12,223	135		
82.1	**1.16**	**1502**	17.3	40	1,710	125		
78.6	**2.12**	**3032**	18.1	42	3,509	127		
83.5	**5**	**3133**	17	39	5,626	131		
84.0	**11**	**3233**	16.9	39	7,664	133		
78.6	**19**	**3333**	18.1	42	12,223	135		
90.9	**1.26**	**1502**	15.6	36	1,800	125		
92.5	**2.48**	**3032**	15.4	36	3,414	127		
88.6	**5**	**3133**	16	37	5,524	131		
89.8	**12**	**3233**	15.8	37	7,503	133		
88.5	**22**	**3333**	16.1	37	12,224	135		
102	**1.38**	**1502**	13.9	32	1,651	125		
99.7	**2.67**	**3032**	14.2	33	3,340	127		
100	**6**	**3133**	14.2	33	5,323	131		
103	**13**	**3233**	13.7	32	7,173	133		
112	**1.47**	**1502**	12.7	29	1,651	125		
116	**3.09**	**3032**	12.2	28	3,192	127		
114	**7**	**3133**	12.4	29	5,108	131		
116	**9**	**3233**	12.3	28	6,904	133		
114	**14**	**3333**	12.5	29	12,796	135		
122	**1.56**	**1502**	11.6	27	1,651	125		
130	**3.45**	**3032**	10.9	25	3,084	127		
130	**7**	**3133**	10.9	25	4,913	131		
131	**10**	**3233**	10.8	25	6,627	133		
145	**1.76**	**1502**	9.81	23	1,802	125		
139	**3.69**	**3032**	10.2	24	3,016	127		
136	**6**	**3133**	10.4	24	4,826	131		
146	**11**	**3233**	9.72	23	6,406	133		
157	**1.86**	**1502**	9.07	21	1,613	125		
165	**4**	**3032**	8.59	20	2,863	127		
162	**7**	**3133**	8.79	20	4,576	131		
166	**13**	**3233**	8.57	20	6,154	133		

[1] motor not concerned by the IE

** single phase motor for Compabloc 15 and Compabloc 30 only*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
0.37 kW - 50 Hz		*Single phase LS 71 L-P[1]* - Three-phase LS 71 M[1]* *Single phase LS 71 L-P FMD[1]* - Three-phase LS 71 M FFB1[1]*						
175	**0.84**	**3031**	8.13	19	1,568	113		
178	**2.05**	**1502**	7.99	19	1,613	125		
180	**2.70**	**3131**	7.91	19	1,958	115		
176	**4**	**3231**	8.08	19	2,639	117		
174	**5**	**3032**	8.16	19	2,817	127		
172	**7**	**3133**	8.28	19	4,491	131		
181	**8**	**3331**	7.83	18	4,851	119		
177	**13**	**3233**	8.02	19	6,022	133		
197	**0.94**	**3031**	7.22	17	1,535	113		
196	**2.16**	**1502**	7.23	17	1,613	125		
198	**2.97**	**3131**	7.17	17	1,914	115		
205	**5**	**3231**	6.92	16	2,515	117		
192	**5**	**3032**	7.38	17	2,732	127		
194	**8**	**3133**	7.34	17	4,323	131		
201	**9**	**3331**	7.08	17	4,690	119		
222	**1.07**	**3031**	6.4	15	1,501	113		
227	**3.41**	**3131**	6.25	15	1,847	115		
225	**5**	**3231**	6.31	15	2,439	117		
221	**9**	**3133**	6.42	15	4,143	131		
224	**10**	**3331**	6.33	15	4,524	119		
244	**1.17**	**3031**	5.82	14	1,465	113		
249	**3.75**	**3131**	5.69	13	1,811	115		
249	**6**	**3231**	5.71	13	2,369	117		
251	**11**	**3133**	5.65	13	3,980	131		
258	**12**	**3331**	5.5	13	4,320	119		
275	**1.32**	**3031**	5.17	12	1,439	113		
289	**4**	**3131**	4.92	12	1,730	115		
291	**7**	**3231**	4.88	11	2,253	117		
292	**13**	**3331**	4.87	11	4,153	119		
310	**1.49**	**3031**	4.58	11	1,394	113		
324	**5**	**3131**	4.38	10	1,687	115		
328	**8**	**3231**	4.33	10	2,168	117		
317	**14**	**3331**	4.47	10	4,040	119		
348	**1.67**	**3031**	4.08	10	1,353	113		
361	**5**	**3131**	3.93	9	1,635	115		
365	**9**	**3231**	3.89	9	2,094	117		
359	**16**	**3331**	3.95	9	3,878	119		
392	**1.88**	**3031**	3.63	9	1,313	113		
413	**6**	**3131**	3.44	8	1,572	115		
414	**10**	**3231**	3.43	8	2,010	117		
403	**18**	**3331**	3.52	8	3,734	119		
439	**2.11**	**3031**	3.24	8	1,279	113		
437	**7**	**3131**	3.25	8	1,541	115		
460	**11**	**3231**	3.09	7	1,944	117		
449	**19**	**3331**	3.16	7	3,604	119		
516	**2.48**	**3031**	2.75	6	1,244	113		
519	**8**	**3131**	2.74	6	1,477	115		
522	**13**	**3231**	2.72	6	1,867	117		
488	**22**	**3331**	2.91	7	3,504	119		
557	**2.68**	**3031**	2.55	6	1,211	113		
551	**8**	**3131**	2.58	6	1,446	115		
558	**13**	**3231**	2.55	6	1,824	117		
550	**25**	**3331**	2.58	6	3,371	119		
648	**3.11**	**3031**	2.19	5	1,165	113		
621	**9**	**3131**	2.29	5	1,400	115		
643	**15**	**3231**	2.21	5	1,743	117		
726	**3.49**	**3031**	1.96	5	1,118	113		
710	**10**	**3131**	2	5	1,336	115		
778	**3.74**	**3031**	1.83	4	1,112	113		
807	**11**	**3131**	1.76	4	1,292	115		
923	**4**	**3031**	1.54	4	1,045	113		
972	**5**	**3031**	1.46	3	1,047	113		
1074	**5**	**3031**	1.32	3	1,010	113		

[1] motor not concerned by the IE

** single phase motor for Compabloc 15 and Compabloc 30 only*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.55 kW - 50 Hz				*LS 71 L*[1] *LS 71 L FFB1*[1]				
0.39	**0.79**	**3735**	3590	12209	20,554	147		
0.43	**0.88**	**3735**	3250	11061	23,242	147		
0.50	**1.03**	**3735**	2770	9436	27,044	147		
0.57	**1.16**	**3735**	2470	8388	29,497	147		
0.63	**1.29**	**3735**	2220	7539	31,484	147		
0.72	**1.46**	**3735**	1950	6637	33,595	147		
0.80	**1.62**	**3735**	1760	5975	35,142	147		
0.91	**0.82**	**3635**	1530	5214	22,689	147		
0.90	**1.84**	**3735**	1550	5265	36,805	147		
1.01	**0.91**	**3635**	1380	4694	24,139	147		
0.97	**1.97**	**3735**	1450	4927	37,595	147		
1.15	**1.04**	**3635**	1220	4136	25,697	147		
1.11	**2.27**	**3735**	1260	4275	39,122	147		
1.23	**0.79**	**3535**	1140	3906	9,125	147		
1.23	**1.11**	**3635**	1140	3871	26,437	147		
1.24	**2.49**	**3735**	1130	3893	40,014	147		
1.35	**0.86**	**3535**	1040	3557	11,309	147		
1.42	**1.28**	**3635**	988	3358	27,868	147		
1.44	**2.91**	**3735**	970	3334	41,323	147		
1.57	**1.00**	**3535**	894	3072	14,347	147		
1.57	**1.40**	**3635**	890	3059	28,704	147		
1.58	**3.19**	**3735**	885	3040	42,010	147		
1.76	**1.12**	**3535**	797	2740	16,430	147		
1.84	**1.64**	**3635**	762	2619	29,931	147		
1.75	**3.52**	**3735**	801	2754	42,679	147		
1.96	**1.25**	**3535**	714	2455	18,217	147		
2.01	**1.80**	**3635**	695	2389	30,575	147		
2.05	**4**	**3735**	684	2350	43,626	147		
2.24	**1.43**	**3535**	625	2148	20,143	147		
2.22	**1.98**	**3635**	630	2164	31,202	147		
2.30	**5**	**3735**	608	2089	44,237	147		
2.58	**0.85**	**3435**	543	1885	4,808	147		
2.37	**1.51**	**3535**	591	2031	20,876	147		
2.61	**2.32**	**3635**	537	1846	32,089	147		
2.56	**5**	**3735**	546	1877	44,732	147		
2.74	**0.90**	**3435**	511	1776	6,293	147		
2.81	**1.80**	**3535**	498	1710	22,884	147		
2.93	**2.61**	**3635**	477	1641	32,662	147		
2.91	**6**	**3735**	481	1653	45,257	147		
3.09	**1.02**	**3435**	453	1574	8,904	147		
2.99	**1.91**	**3535**	469	1612	23,502	147		
3.26	**2.91**	**3635**	429	1475	33,125	147		
3.23	**7**	**3735**	433	1488	45,643	147		
3.53	**1.17**	**3435**	396	1377	11,222	147		
3.37	**2.15**	**3535**	416	1428	24,652	147		
3.71	**3.30**	**3635**	378	1298	33,618	147		
3.67	**7**	**3735**	381	1311	46,057	147		
4.01	**1.32**	**3435**	349	1212	12,966	147		
3.85	**2.46**	**3535**	364	1250	25,770	147		
4.12	**3.67**	**3635**	340	1169	33,979	147		
3.92	**8**	**3735**	357	1227	46,254	147		
4.38	**2.80**	**3535**	320	1100	25,868	147		
4.67	**4**	**3635**	300	1030	34,367	147		
4.52	**9**	**3735**	310	1064	46,634	147		

[1] *motor not concerned by the IE*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
0.55 kW - 50 Hz				*LS 71 L*[1] *LS 71 L FFB1*[1]				
5.39	**0.89**	**3335**	260	902	4,891	147		
4.99	**4**	**3635**	280	964	34,551	147		
5.15	**10**	**3735**	272	934	46,939	147		
5.67	**0.94**	**3335**	247	857	5,634	147		
5.79	**1.91**	**3435**	242	839	16,068	147		
6.27	**1.04**	**3335**	223	776	6,875	147		
6.11	**2.02**	**3435**	229	796	16,342	147		
6.13	**3.92**	**3535**	222	785	25,855	147		
6.98	**1.19**	**3333**	200	704	7,866	135		
7.73	**1.31**	**3333**	181	636	8,706	135		
8.80	**0.82**	**3233**	159	558	1,244	133		
8.64	**1.47**	**3333**	162	569	9,444	135		
9.71	**0.90**	**3233**	144	506	1,941	133		
9.95	**1.69**	**3333**	141	494	10,169	135		
11.4	**1.06**	**3233**	123	432	3,294	133		
11.2	**1.91**	**3333**	125	437	10,646	135		
12.8	**1.19**	**3233**	109	384	4,298	133		
12.2	**2.08**	**3333**	114	402	10,911	135		
14.3	**1.32**	**3233**	98.2	345	5,136	133		
13.8	**2.35**	**3333**	101	355	11,224	135		
16.2	**1.50**	**3233**	86.5	304	6,011	133		
15.5	**2.64**	**3333**	90.1	316	11,451	135		
18.0	**1.67**	**3233**	77.9	273	6,620	133		
17.3	**2.94**	**3333**	80.9	284	11,619	135		
20.4	**1.89**	**3233**	68.6	241	7,223	133		
18.8	**3.20**	**3333**	74.4	261	11,723	135		
21.8	**2.02**	**3233**	64.2	225	7,486	133		
21.2	**3.60**	**3333**	66.1	232	11,844	135		
24.2	**0.82**	**3133**	57.8	203	3,646	131		
25.1	**2.33**	**3233**	55.7	196	7,574	133		
24.3	**4**	**3333**	57.6	202	11,951	135		
27.7	**0.90**	**3133**	50.6	178	4,275	131		
27.9	**2.56**	**3233**	50.2	178	7,623	133		
28.8	**5**	**3333**	48.7	173	12,038	135		
31.4	**0.98**	**3133**	44.5	156	4,757	131		
32.6	**2.99**	**3233**	43	152	7,697	133		
31.8	**5**	**3333**	44	156	12,080	135		
36.1	**1.48**	**3133**	38.8	138	5,143	131		
35.7	**3.27**	**3233**	39.2	139	7,735	133		
35.6	**6**	**3333**	39.4	140	12,117	135		
39.6	**1.62**	**3133**	35.4	125	5,380	131		
39.4	**3.60**	**3233**	35.5	126	7,772	133		
41.0	**7**	**3333**	34.2	121	12,151	135		
45.8	**1.87**	**3133**	30.6	108	5,647	131		
46.2	**4**	**3233**	30.3	107	7,824	133		
46.3	**8**	**3333**	30.2	107	12,172	135		
51.4	**2.09**	**3133**	27.2	97	5,692	131		
52.0	**5**	**3233**	26.9	96	7,859	133		
50.4	**8**	**3333**	27.8	99	12,184	135		
54.7	**0.99**	**3032**	25.6	91	2,898	127		
57.4	**2.33**	**3133**	24.4	87	5,729	131		
57.8	**5**	**3233**	24.2	86	7,887	133		
57.0	**9**	**3333**	24.6	87	12,197	135		

[1] *motor not concerned by the IE*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
0.55 kW - 50 Hz				*LS 71 L*[1] *LS 71 L FFB1*[1]				
61.5	**1.11**	**3032**	22.8	81	2,949	127		
65.5	**2.65**	**3133**	21.4	76	5,770	131		
65.7	**6**	**3233**	21.3	76	7,916	133		
64.0	**10**	**3333**	21.9	78	12,206	135		
69.2	**1.24**	**3032**	20.2	72	2,981	127		
69.3	**2.8**	**3133**	20.2	72	5,778	131		
73.0	**7**	**3233**	19.2	68	7,873	133		
71.3	**12**	**3333**	19.6	70	12,212	135		
77.5	**1.39**	**3032**	18.1	64	2,978	127		
82.3	**3.31**	**3133**	17	60	5,503	131		
82.8	**7**	**3233**	16.9	60	7,574	133		
77.4	**13**	**3333**	18.1	64	12,215	135		
91.2	**1.62**	**3032**	15.4	54	2,984	127		
87.4	**3.50**	**3133**	16	57	5,413	131		
88.5	**8**	**3233**	15.8	56	7,423	133		
87.2	**14**	**3333**	16.1	57	12,219	135		
98.3	**1.75**	**3032**	14.2	51	2,975	127		
98.6	**3.94**	**3133**	14.2	50	5,224	131		
102	**8**	**3233**	13.7	49	7,107	133		
100	**16**	**3333**	14	50	12,222	135		
114	**2.03**	**3032**	12.2	43	2,940	127		
113	**4**	**3133**	12.4	44	5,022	131		
116	**9**	**3233**	12	43	6,824	133		
112	**9**	**3333**	12.5	44	12,800	135		
128	**2.26**	**3032**	10.9	39	2,915	127		
128	**5**	**3133**	10.9	39	4,833	131		
130	**7**	**3233**	10.8	38	6,567	133		
126	**10**	**3333**	11.1	39	12,803	135		
137	**2.42**	**3032**	10.2	36	2,877	127		
134	**3.82**	**3133**	10.4	37	4,745	131		
144	**7**	**3233**	9.72	34	6,357	133		
141	**12**	**3333**	9.95	35	12,395	135		
163	**2.85**	**3032**	8.59	30	2,816	127		
159	**5**	**3133**	8.79	31	4,509	131		
163	**8**	**3233**	8.57	30	6,110	133		
173	**2.76**	**3231**	8.08	29	2,592	117		
172	**3.00**	**3032**	8.16	29	2,773	127		
179	**5**	**3331**	7.83	28	4,824	119		
185	**6**	**3133**	7.57	27	4,325	131		
175	**9**	**3233**	8.02	28	5,984	133		
172	**14**	**3333**	8.14	29	11,606	135		
202	**3.23**	**3231**	6.92	25	2,472	117		
190	**3.30**	**3032**	7.38	26	2,693	127		
191	**5**	**3133**	7.34	26	4,269	131		
198	**6**	**3331**	7.08	25	4,670	119		
201	**10**	**3233**	6.96	25	5,723	133		
198	**16**	**3333**	7.09	25	11,095	135		
224	**2.23**	**3131**	6.25	22	1,754	115		
222	**3.54**	**3231**	6.31	23	2,407	117		
218	**6**	**3133**	6.42	23	4,096	131		
221	**7**	**3331**	6.33	23	4,504	119		
229	**12**	**3233**	6.1	22	5,490	133		

[1] *motor not concerned by the IE*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
0.55 kW - 50 Hz				*LS 71 L*[1] *LS 71 L FFB1*[1]				
246	**2.45**	**3131**	5.69	20	1,719	115		
245	**3.91**	**3231**	5.71	20	2,336	117		
248	**7**	**3133**	5.65	20	3,940	131		
255	**8**	**3331**	5.5	20	4,303	119		
285	**2.84**	**3131**	4.92	18	1,665	115		
287	**5**	**3231**	4.88	17	2,224	117		
288	**9**	**3331**	4.87	17	4,138	119		
305	**0.97**	**3031**	4.58	16	1,293	113		
319	**3.18**	**3131**	4.38	16	1,607	115		
323	**5**	**3231**	4.33	16	2,144	117		
313	**9**	**3331**	4.47	16	4,025	119		
343	**1.10**	**3031**	4.08	15	1,252	113		
356	**3.55**	**3131**	3.93	14	1,570	115		
359	**6**	**3231**	3.89	14	2,070	117		
358	**8**	**3133**	3.91	14	3,512	131		
354	**11**	**3331**	3.95	14	3,866	119		
386	**1.23**	**3031**	3.63	13	1,233	113		
407	**4**	**3131**	3.44	12	1,521	115		
408	**7**	**3231**	3.43	12	1,991	117		
377	**9**	**3133**	3.71	13	3,456	131		
398	**12**	**3331**	3.52	13	3,721	119		
433	**1.38**	**3031**	3.24	12	1,198	113		
431	**4**	**3131**	3.25	12	1,490	115		
454	**7**	**3231**	3.09	11	1,924	117		
443	**12**	**3331**	3.16	11	3,595	119		
509	**1.62**	**3031**	2.75	10	1,164	113		
512	**5**	**3131**	2.74	10	1,425	115		
515	**8**	**3231**	2.72	10	1,846	117		
481	**14**	**3331**	2.91	10	3,498	119		
549	**1.75**	**3031**	2.55	9	1,150	113		
543	**5**	**3131**	2.58	9	1,409	115		
550	**9**	**3231**	2.55	9	1,809	117		
542	**16**	**3331**	2.58	9	3,364	119		
639	**2.04**	**3031**	2.19	8	1,105	113		
613	**6**	**3131**	2.29	8	1,362	115		
634	**10**	**3231**	2.21	8	1,727	117		
622	**17**	**3331**	2.25	8	3,214	119		
716	**2.28**	**3031**	1.96	7	1,079	113		
700	**7**	**3131**	2	7	1,311	115		
723	**12**	**3231**	1.94	7	1,656	117		
767	**2.45**	**3031**	1.83	7	1,051	113		
795	**7**	**3131**	1.76	6	1,266	115		
910	**2.90**	**3031**	1.54	6	1,027	113		
958	**3.06**	**3031**	1.46	5	1,007	113		
1059	**3.38**	**3031**	1.32	5	971	113		
1149	**8**	**3131**	1.22	4	1,139	115		
1211	**9**	**3131**	1.16	4	1,118	115		

[1] *motor not concerned by the IE*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.75 kW - 50 Hz		*LSES 80 LG IFT/IE2 - LSES 80 LG IFT/IE3 LS 80 L FFB1 IFT/NIE - LSES 80 LG FFB1 IFT/IE3*					**1.31 kW - 87 Hz***	
0.35	**0.80**	**3835**	3980	18511	36,525	147		
0.42	**0.95**	**3835**	3360	15616	40,969	147		
0.46	**1.05**	**3835**	3030	14064	42,963	147		
0.51	**1.16**	**3835**	2740	12733	44,455	147		
0.57	**0.84**	**3735**	2470	11517	21,977	147		
0.55	**1.26**	**3835**	2530	11731	45,446	147		
0.63	**0.94**	**3735**	2220	10351	24,724	147		
0.72	**1.06**	**3735**	1950	9112	27,645	147		
0.80	**1.18**	**3735**	1760	8205	29,785	147		
0.90	**1.34**	**3735**	1550	7229	32,084	147		
0.97	**1.43**	**3735**	1450	6765	33,178	147		
1.11	**1.65**	**3735**	1260	5869	35,290	147		
1.23	**0.81**	**3635**	1140	5315	22,298	147		
1.24	**1.81**	**3735**	1130	5346	36,524	147		
1.42	**0.93**	**3635**	988	4611	24,277	147		
1.44	**2.12**	**3735**	970	4578	38,334	147		
1.42	**3.20**	**3835**	983	4617	49,228	147		
1.57	**1.02**	**3635**	890	4200	25,433	147		
1.58	**2.32**	**3735**	885	4175	39,284	147		
1.69	**3.79**	**3835**	829	3895	49,292	147		
1.76	**0.82**	**3535**	797	3762	9,851	147	3.14	0.84
1.84	**1.19**	**3635**	762	3596	27,130	147		
1.75	**2.56**	**3735**	801	3782	40,210	147		
1.87	**4**	**3835**	747	3508	49,302	147		
1.96	**0.91**	**3535**	714	3371	12,320	147	3.50	0.94
2.01	**1.31**	**3635**	695	3280	28,020	147		
2.05	**3.00**	**3735**	684	3227	41,519	147		
2.07	**5**	**3835**	676	3176	49,298	147		
2.24	**1.04**	**3535**	625	2949	14,984	147	4.00	1.07
2.22	**1.44**	**3635**	630	2971	28,888	147		
2.30	**3.38**	**3735**	608	2868	42,364	147		
2.25	**5**	**3835**	623	2926	49,286	147		
2.37	**1.10**	**3535**	591	2789	15,995	147	4.23	1.14
2.61	**1.69**	**3635**	537	2535	30,115	147		
2.56	**3.76**	**3735**	546	2578	43,048	147		
2.81	**1.31**	**3535**	498	2348	18,779	147	5.02	1.35
2.93	**1.90**	**3635**	477	2253	30,907	147		
2.91	**4**	**3735**	481	2269	43,776	147		
2.99	**1.39**	**3535**	469	2213	19,632	147	5.33	1.43
3.26	**2.12**	**3635**	429	2025	31,548	147		
3.23	**5**	**3735**	433	2043	44,309	147		
3.53	**0.85**	**3435**	396	1891	4,525	147	6.31	0.87
3.37	**1.57**	**3535**	416	1961	21,223	147	6.02	1.62
3.71	**2.41**	**3635**	378	1783	32,229	147		
3.67	**5**	**3735**	381	1800	44,881	147		
4.01	**0.96**	**3435**	349	1664	7,607	147	7.17	0.99
3.85	**1.79**	**3535**	364	1716	22,770	147	6.88	1.85
4.12	**2.67**	**3635**	340	1605	32,729	147		
3.92	**6**	**3735**	357	1685	45,154	147		
4.38	**2.04**	**3535**	320	1510	24,071	147	7.81	2.1
4.67	**3.03**	**3635**	300	1414	33,265	147		
4.52	**7**	**3735**	310	1462	45,679	147		
4.99	**3.24**	**3635**	280	1324	33,520	147		
5.15	**8**	**3735**	272	1282	46,102	147		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.75 kW - 50 Hz		*LSES 80 LG IFT/IE2 - LSES 80 LG IFT/IE3 LS 80 L FFB1 IFT/NIE - LSES 80 LG FFB1 IFT/IE3*					**1.31 kW - 87 Hz***	
5.79	**1.39**	**3435**	242	1152	13,463	147	10.4	1.44
6.11	**1.47**	**3435**	229	1093	14,015	147	10.9	1.51
6.13	**2.85**	**3535**	222	1077	25,868	147	11.0	2.94
6.98	**0.86**	**3333**	200	966	3,646	135	12.5	0.89
6.86	**1.66**	**3433**	204	980	14,984	137	12.3	1.70
7.73	**0.96**	**3333**	181	873	5,278	135	13.8	0.99
8.14	**1.97**	**3433**	172	827	16,108	137	14.5	2.01
8.64	**1.07**	**3333**	162	781	6,714	135	15.4	1.10
9.03	**2.18**	**3433**	155	743	16,622	137	16.1	2.23
9.95	**1.23**	**3333**	141	678	8,127	135	17.8	1.27
9.98	**2.41**	**3433**	140	673	16,996	137	17.8	2.46
11.2	**1.39**	**3333**	125	600	9,060	135	20.1	1.43
10.8	**2.61**	**3433**	129	620	17,240	137	19.3	2.67
12.8	**0.87**	**3233**	109	527	1,580	133	22.9	0.89
12.2	**1.51**	**3333**	114	552	9,579	135	21.8	1.56
12.6	**3.03**	**3433**	111	533	17,573	137	22.5	3.09
14.3	**0.96**	**3233**	98.2	473	2,427	133	25.5	0.99
13.8	**1.71**	**3333**	101	487	10,195	135	24.7	1.77
16.2	**1.09**	**3233**	86.5	417	3,534	133	28.9	1.13
15.5	**1.92**	**3333**	90.1	434	10,643	135	27.7	1.98
18.0	**1.22**	**3233**	77.9	375	4,419	133	32.1	1.25
17.3	**2.14**	**3333**	80.9	390	10,976	135	30.9	2.20
20.4	**1.38**	**3233**	68.6	331	5,388	133	36.4	1.42
18.8	**2.33**	**3333**	74.4	359	11,184	135	33.6	2.39
21.8	**1.47**	**3233**	64.2	309	5,841	133	38.9	1.51
21.2	**2.62**	**3333**	66.1	319	11,425	135	37.8	2.69
25.1	**1.70**	**3233**	55.7	268	6,676	133	44.9	1.74
24.3	**3.01**	**3333**	57.6	278	11,640	135	43.4	3.08
27.9	**1.87**	**3233**	50.2	244	7,127	133	49.8	1.90
28.8	**3.40**	**3333**	48.7	237	11,818	135	51.4	3.50
27.8	**7**	**3433**	50.3	244	18,001	137	49.7	7
32.6	**2.18**	**3233**	43	209	7,531	133	58.2	2.21
31.8	**3.76**	**3333**	44	214	11,904	135	56.9	3.88
33.0	**8**	**3433**	42.5	206	17,975	137	58.9	8
36.1	**1.07**	**3133**	38.8	189	3,962	131	64.4	1.09
35.7	**2.38**	**3233**	39.2	191	7,582	133	63.8	2.42
35.6	**4**	**3333**	39.4	192	11,979	135	63.5	4
36.6	**9**	**3433**	38.2	185	17,953	137	65.4	9
39.6	**1.18**	**3133**	35.4	172	4,371	131	70.7	1.20
39.4	**2.62**	**3233**	35.5	173	7,634	133	70.4	2.67
41.0	**5**	**3333**	34.2	166	12,051	135	73.2	5
40.4	**9**	**3433**	34.6	168	17,929	137	72.2	10
45.8	**1.36**	**3133**	30.6	149	4,894	131	81.8	1.38
46.2	**3.07**	**3233**	30.3	148	7,706	133	82.5	3.04
46.3	**5**	**3333**	30.2	147	12,098	135	82.7	6
43.9	**10**	**3433**	31.9	155	17,908	137	78.4	10
51.4	**1.52**	**3133**	27.2	133	5,223	131	91.8	1.55
52.0	**3.44**	**3233**	26.9	131	7,755	133	92.8	3.34
50.4	**6**	**3333**	27.8	135	12,123	135	89.9	6
51.1	**12**	**3433**	27.4	133	17,869	137	91.2	12
57.4	**1.69**	**3133**	24.4	119	5,485	131	102	1.72
57.8	**3.82**	**3233**	24.2	118	7,792	133	103	3.61
57.0	**7**	**3333**	24.6	120	12,152	135	102	7

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
0.75 kW - 50 Hz		*LSES 80 LG IFT/IE2 - LSES 80 LG IFT/IE3 LS 80 L FFB1 IFT/NIE - LSES 80 LG FFB1 IFT/IE3*					**1.31 kW - 87 Hz***	
61.5	**0.80**	**3032**	22.8	111	2,197	127	110	0.82
65.5	**1.93**	**3133**	21.4	104	5,662	131	117	1.91
65.7	**4**	**3233**	21.3	104	7,833	133	117	3.93
64.0	**8**	**3333**	21.9	107	12,172	135	114	8
69.2	**0.90**	**3032**	20.2	99	2,303	127	124	0.92
69.3	**2.04**	**3133**	20.2	98	5,616	131	124	2.01
73.0	**5**	**3233**	19.2	93	7,763	133	130	4.22
71.3	**8**	**3333**	19.6	96	12,187	135	127	8
77.5	**1.01**	**3032**	18.1	88	2,398	127	138	1.02
82.3	**2.41**	**3133**	17	83	5,366	131	147	2.28
82.8	**5**	**3233**	16.9	82	7,480	133	148	5
77.4	**9**	**3333**	18.1	88	12,195	135	138	9
91.2	**1.18**	**3032**	15.4	75	2,477	127	163	1.20
87.4	**2.55**	**3133**	16	78	5,283	131	156	2.38
88.5	**6**	**3233**	15.8	77	7,332	133	158	5
87.2	**10**	**3333**	16.1	78	12,205	135	156	10
98.3	**1.27**	**3032**	14.2	69	2,517	127	176	1.29
98.6	**2.87**	**3133**	14.2	69	5,113	131	176	2.58
102	**6**	**3233**	13.7	67	7,027	133	182	5
100	**12**	**3333**	14	68	12,213	135	179	11
114	**1.48**	**3032**	12.2	60	2,531	127	204	1.49
113	**3.20**	**3133**	12.4	61	4,923	131	201	2.82
116	**7**	**3233**	12	59	6,753	133	208	6
112	**7**	**3333**	12.5	61	12,800	135	201	7
128	**1.65**	**3032**	10.9	53	2,555	127	229	1.67
128	**3.52**	**3133**	10.9	53	4,754	131	229	3.07
130	**5**	**3233**	10.8	53	6,495	133	231	5
126	**8**	**3333**	11.1	54	12,804	135	225	8
137	**1.76**	**3032**	10.2	50	2,541	127	245	1.78
134	**2.78**	**3133**	10.4	51	4,657	131	240	2.87
144	**5**	**3233**	9.72	47	6,296	133	257	5
141	**8**	**3333**	9.95	48	12,368	135	251	9
163	**2.08**	**3032**	8.59	42	2,528	127	291	2.10
159	**3.31**	**3133**	8.79	43	4,434	131	285	3.41
163	**6**	**3233**	8.57	42	6,054	133	292	6
153	**9**	**3333**	9.16	45	12,039	135	273	9
173	**2.01**	**3231**	8.08	40	2,541	117	310	2.08
172	**2.18**	**3032**	8.16	40	2,517	127	306	2.20
179	**3.89**	**3331**	7.83	39	4,794	119	319	4.01
185	**5**	**3133**	7.57	37	4,270	131	330	3.90
175	**6**	**3233**	8.02	39	5,934	133	312	7
173	**8**	**3431**	8.1	40	7,529	121	309	8
172	**10**	**3333**	8.14	40	11,586	135	307	11
202	**2.35**	**3231**	6.92	34	2,431	117	361	2.42
190	**2.40**	**3032**	7.38	36	2,501	127	339	2.42
191	**3.96**	**3133**	7.34	36	4,208	131	341	3.93
198	**4**	**3331**	7.08	35	4,643	119	353	4
201	**7**	**3233**	6.96	34	5,678	133	359	8
205	**10**	**3431**	6.83	33	7,126	121	366	10
198	**12**	**3333**	7.09	35	11,078	135	353	12

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.75 kW - 50 Hz		*LSES 80 LG IFT/IE2 - LSES 80 LG IFT/IE3 LS 80 L FFB1 IFT/NIE - LSES 80 LG FFB1 IFT/IE3*					**1.31 kW - 87 Hz***	
224	**1.63**	**3131**	6.25	31	1,634	115	400	1.68
222	**2.58**	**3231**	6.31	31	2,363	117	396	2.66
218	**5**	**3133**	6.42	31	4,049	131	389	4
221	**5**	**3331**	6.33	31	4,483	119	395	5
229	**8**	**3233**	6.1	30	5,451	133	410	9
228	**11**	**3431**	6.15	30	6,886	121	406	11
246	**1.79**	**3131**	5.69	28	1,612	115	439	1.84
245	**2.85**	**3231**	5.71	28	2,298	117	438	2.93
248	**5**	**3133**	5.65	28	3,893	131	442	4
255	**6**	**3331**	5.5	27	4,285	119	455	6
251	**12**	**3431**	5.57	27	6,666	121	449	12
285	**2.07**	**3131**	4.92	24	1,572	115	508	2.13
287	**3.34**	**3231**	4.88	24	2,190	117	513	3.44
288	**6**	**3331**	4.87	24	4,119	119	514	6
273	**13**	**3431**	5.13	25	6,490	121	487	13
319	**2.32**	**3131**	4.38	22	1,529	115	570	2.39
323	**3.75**	**3231**	4.33	21	2,115	117	577	3.87
313	**7**	**3331**	4.47	22	4,010	119	559	6
317	**15**	**3431**	4.41	22	6,174	121	567	16
343	**0.80**	**3031**	4.08	20	1,151	113	613	0.82
356	**2.59**	**3131**	3.93	19	1,505	115	636	2.67
359	**4**	**3231**	3.89	19	2,046	117	642	4
358	**6**	**3133**	3.91	19	3,485	131	639	5
354	**8**	**3331**	3.95	19	3,854	119	633	7
386	**0.90**	**3031**	3.63	18	1,132	113	690	0.92
407	**2.96**	**3131**	3.44	17	1,455	115	727	3.05
408	**5**	**3231**	3.43	17	1,965	117	729	5
377	**6**	**3133**	3.71	18	3,429	131	673	5
398	**8**	**3331**	3.52	17	3,713	119	710	7
433	**1.01**	**3031**	3.24	16	1,118	113	773	1.04
431	**3.13**	**3131**	3.25	16	1,438	115	769	3.22
454	**5**	**3231**	3.09	15	1,904	117	810	5
443	**9**	**3331**	3.16	16	3,581	119	791	8
509	**1.18**	**3031**	2.75	14	1,084	113	909	1.22
512	**3.71**	**3131**	2.74	13	1,387	115	913	3.78
515	**6**	**3231**	2.72	13	1,831	117	919	6
481	**10**	**3331**	2.91	14	3,489	119	859	9
549	**1.28**	**3031**	2.55	13	1,070	113	980	1.31
543	**3.94**	**3131**	2.58	13	1,356	115	969	3.78
550	**6**	**3231**	2.55	13	1,787	117	982	7
542	**12**	**3331**	2.58	13	3,353	119	968	11
639	**1.48**	**3031**	2.19	11	1,046	113	1141	1.53
613	**4**	**3131**	2.29	11	1,323	115	1094	4
634	**7**	**3231**	2.21	11	1,711	117	1132	7
622	**12**	**3331**	2.25	11	3,208	119	1111	10
716	**1.66**	**3031**	1.96	10	1,019	113	1278	1.71
700	**5**	**3131**	2	10	1,273	115	1250	4
723	**8**	**3231**	1.94	10	1,639	117	1290	8
767	**1.78**	**3031**	1.83	9	1,013	113	1369	1.84
795	**5**	**3131**	1.76	9	1,228	115	1420	4
910	**2.11**	**3031**	1.54	8	967	113	1625	2.18
958	**2.22**	**3031**	1.46	7	968	113	1711	2.29
1059	**2.46**	**3031**	1.32	7	932	113	1890	2.53
1149	**6**	**3131**	1.22	6	1,113	115	2051	5
1211	**6**	**3131**	1.16	6	1,093	115	2162	5

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
0.9 kW - 50 Hz		*LSES 80 LG IFT/IE2 - LSES 80 LG IFT/IE3 LS 80 L FFB1 IFT/NIE - LSES 80 LG FFB1 IFT/IE3*					**1.57 kW - 87 Hz***	
0.42	**0.80**	**3835**	3360	18478	36,581	147		
0.47	**0.89**	**3835**	3030	16641	39,504	147		
0.52	**0.98**	**3835**	2740	15066	41,707	147		
0.56	**1.06**	**3835**	2530	13881	43,179	147		
0.64	**0.79**	**3735**	2220	12239	20,275	147		
0.73	**0.90**	**3735**	1950	10774	23,728	147		
0.81	**1.00**	**3735**	1760	9701	26,259	147		
0.92	**1.13**	**3735**	1550	8547	28,977	147		
0.98	**1.21**	**3735**	1450	7999	30,270	147		
1.13	**1.40**	**3735**	1260	6940	32,767	147		
1.26	**1.53**	**3735**	1130	6321	34,226	147		
1.44	**0.79**	**3635**	988	5452	21,913	147		
1.47	**1.79**	**3735**	970	5413	36,366	147		
1.45	**2.70**	**3835**	983	5463	49,078	147		
1.60	**0.86**	**3635**	890	4965	23,280	147		
1.61	**1.96**	**3735**	885	4936	37,490	147		
1.72	**3.20**	**3835**	829	4609	49,229	147		
1.87	**1.01**	**3635**	762	4252	25,286	147		
1.78	**2.17**	**3735**	801	4472	38,584	147		
1.91	**3.56**	**3835**	747	4150	49,276	147		
2.05	**1.11**	**3635**	695	3878	26,339	147		
2.08	**2.54**	**3735**	684	3815	40,132	147		
2.11	**3.93**	**3835**	676	3757	49,298	147		
2.28	**0.88**	**3535**	625	3487	11,587	147	3.98	0.88
2.26	**1.22**	**3635**	630	3513	27,364	147		
2.34	**2.86**	**3735**	608	3391	41,132	147		
2.29	**4**	**3835**	623	3462	49,303	147		
2.41	**0.93**	**3535**	591	3297	12,787	147	4.21	0.93
2.65	**1.43**	**3635**	537	2997	28,815	147		
2.61	**3.18**	**3735**	546	3048	41,941	147		
2.86	**1.11**	**3535**	498	2776	16,077	147	5	1.11
2.98	**1.61**	**3635**	477	2664	29,751	147		
2.96	**3.61**	**3735**	481	2683	42,800	147		
3.04	**1.17**	**3535**	469	2616	17,087	147	5.31	1.18
3.32	**1.79**	**3635**	429	2394	30,510	147		
3.29	**4**	**3735**	433	2416	43,431	147		
3.43	**1.33**	**3535**	416	2319	18,963	147	5.99	1.33
3.77	**2.03**	**3635**	378	2108	31,315	147		
3.74	**5**	**3735**	381	2129	44,107	147		
4.08	**0.82**	**3435**	349	1968	3,438	147	7.14	0.82
3.92	**1.52**	**3535**	364	2029	20,794	147	6.85	1.52
4.19	**2.26**	**3635**	340	1898	31,906	147		
3.99	**5**	**3735**	357	1992	44,429	147		
4.45	**1.72**	**3535**	320	1785	22,334	147	7.78	1.72
4.76	**2.56**	**3635**	300	1672	32,540	147		
4.60	**6**	**3735**	310	1728	45,051	147		
5.08	**2.74**	**3635**	280	1565	32,842	147		
5.24	**6**	**3735**	272	1516	45,551	147		
5.90	**1.18**	**3435**	242	1362	11,275	147	10.3	1.18
6.22	**1.24**	**3435**	229	1293	12,040	147	10.9	1.24
6.24	**2.41**	**3535**	222	1274	25,561	147	10.9	2.42

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.9 kW - 50 Hz		*LSES 80 LG IFT/IE2 - LSES 80 LG IFT/IE3 LS 80 L FFB1 IFT/NIE - LSES 80 LG FFB1 IFT/IE3*					**1.57 kW - 87 Hz***	
6.99	**1.40**	**3433**	204	1160	13,394	137	12.2	1.40
7.87	**0.81**	**3333**	181	1032	2,391	135	13.8	0.81
8.28	**1.66**	**3433**	172	978	15,001	137	14.5	1.65
8.79	**0.90**	**3333**	162	924	4,412	135	15.4	0.91
9.19	**1.85**	**3433**	155	879	15,750	137	16.1	1.83
10.1	**1.04**	**3333**	141	802	6,402	135	17.7	1.04
10.2	**2.04**	**3433**	140	796	16,306	137	17.8	2.02
11.4	**1.18**	**3333**	125	710	7,718	135	20.0	1.18
11.0	**2.21**	**3433**	129	734	16,676	137	19.3	2.19
12.5	**1.28**	**3333**	114	652	8,450	135	21.8	1.28
12.8	**2.56**	**3433**	111	631	17,194	137	22.4	2.54
14.5	**0.82**	**3233**	98.2	560	1,188	133	25.4	0.82
14.1	**1.45**	**3333**	101	576	9,322	135	24.6	1.45
16.5	**0.93**	**3233**	86.5	493	2,094	133	28.8	0.93
15.8	**1.63**	**3333**	90.1	514	9,955	135	27.6	1.63
18.3	**1.03**	**3233**	77.9	444	2,989	133	32.0	1.03
17.6	**1.81**	**3333**	80.9	461	10,427	135	30.8	1.81
20.8	**1.17**	**3233**	68.6	391	4,081	133	36.3	1.16
19.1	**1.97**	**3333**	74.4	424	10,722	135	33.5	1.97
22.2	**1.25**	**3233**	64.2	366	4,624	133	38.8	1.24
21.6	**2.22**	**3333**	66.1	377	11,066	135	37.7	2.21
25.6	**1.44**	**3233**	55.7	317	5,673	133	44.7	1.43
24.8	**2.54**	**3333**	57.6	328	11,371	135	43.3	2.53
28.4	**1.58**	**3233**	50.2	289	6,266	133	49.6	1.56
29.3	**2.88**	**3333**	48.7	280	11,626	135	51.2	2.88
28.3	**6**	**3433**	50.3	289	18,006	137	49.5	5
33.2	**1.84**	**3233**	43	247	7,072	133	57.9	1.82
32.4	**3.18**	**3333**	44	253	11,751	135	56.6	3.19
33.6	**7**	**3433**	42.5	243	17,900	137	58.6	6.42
36.7	**0.91**	**3133**	38.8	224	3,043	131	64.1	0.90
36.4	**2.01**	**3233**	39.2	226	7,453	133	63.5	1.99
36.2	**3.56**	**3333**	39.4	227	11,859	135	63.3	3.56
37.3	**7**	**3433**	38.2	219	17,987	137	65.1	7
40.3	**1.00**	**3133**	35.4	204	3,589	131	70.4	0.99
40.1	**2.22**	**3233**	35.5	204	7,545	133	70.1	2.19
41.7	**4**	**3333**	34.2	197	11,963	135	72.9	4
41.2	**8**	**3433**	34.6	199	17,968	137	71.9	8
46.6	**1.15**	**3133**	30.6	176	4,285	131	81.5	1.14
47.0	**2.59**	**3233**	30.3	174	7,631	133	82.2	2.50
47.1	**5**	**3333**	30.2	174	12,031	135	82.3	5
44.7	**9**	**3433**	31.9	183	17,950	137	78.1	8
52.3	**1.29**	**3133**	27.2	157	4,720	131	91.4	1.27
52.9	**2.91**	**3233**	26.9	155	7,686	133	92.5	2.75
51.3	**5**	**3333**	27.8	160	12,068	135	89.6	5
52.0	**10**	**3433**	27.4	157	17,913	137	90.8	10
58.4	**1.43**	**3133**	24.4	141	5,065	131	102	1.41
58.9	**3.23**	**3233**	24.2	139	7,732	133	103	2.97
58.0	**6**	**3333**	24.6	141	12,111	135	101	6
66.7	**1.63**	**3133**	21.4	123	5,409	131	117	1.57
66.9	**3.65**	**3233**	21.3	123	7,778	133	117	3.24
65.1	**6**	**3333**	21.9	126	12,141	135	114	6

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
0.9 kW - 50 Hz		*LSES 80 LG IFT/IE2 - LSES 80 LG IFT/IE3 LS 80 L FFB1 IFT/NIE - LSES 80 LG FFB1 IFT/IE3*					**1.57 kW - 87 Hz***	
70.6	**1.72**	**3133**	20.2	116	5,462	131	123	1.65
74.3	**4**	**3233**	19.2	110	7,627	133	130	3.47
72.6	**7**	**3333**	19.6	113	12,163	135	127	7
78.9	**0.85**	**3032**	18.1	104	1,977	127	138	0.84
83.8	**2.04**	**3133**	17	98	5,233	131	146	1.88
84.3	**4**	**3233**	16.9	97	7,356	133	147	3.78
78.8	**8**	**3333**	18.1	104	12,176	135	138	7
92.8	**1.00**	**3032**	15.4	88	2,131	127	162	0.99
88.9	**2.16**	**3133**	16	92	5,157	131	155	1.95
90.1	**5**	**3233**	15.8	91	7,215	133	157	3.95
88.8	**9**	**3333**	16.1	92	12,191	135	155	8
100	**1.08**	**3032**	14.2	82	2,172	127	175	1.06
100	**2.43**	**3133**	14.2	82	4,996	131	175	2.12
104	**5**	**3233**	13.7	79	6,921	133	181	4
102	**10**	**3333**	14	81	12,203	135	178	9
117	**1.25**	**3032**	12.2	70	2,261	127	204	1.23
115	**2.70**	**3133**	12.4	72	4,820	131	200	2.32
118	**6**	**3233**	12	69	6,660	133	207	5
114	**6**	**3333**	12.5	72	12,810	135	200	6
130	**1.39**	**3032**	10.9	63	2,286	127	228	1.37
130	**2.97**	**3133**	10.9	63	4,658	131	228	2.53
132	**4**	**3233**	10.8	62	6,402	133	231	4
128	**6**	**3333**	11.1	64	12,684	135	224	6
140	**1.49**	**3032**	10.2	59	2,297	127	244	1.46
137	**2.35**	**3133**	10.4	60	4,563	131	239	2.36
147	**4**	**3233**	9.72	56	6,204	133	256	4
143	**7**	**3333**	9.95	57	12,254	135	250	7
166	**1.76**	**3032**	8.59	49	2,335	127	290	1.72
162	**2.80**	**3133**	8.79	51	4,349	131	283	2.8
166	**5**	**3233**	8.57	49	5,976	133	291	5
156	**8**	**3333**	9.16	53	11,932	135	272	8
176	**1.70**	**3231**	8.08	47	2,488	117	308	1.71
175	**1.85**	**3032**	8.16	47	2,324	127	305	1.81
182	**3.29**	**3331**	7.83	46	4,739	119	318	3.30
188	**3.79**	**3133**	7.57	44	4,198	131	329	3.21
178	**5**	**3233**	8.02	46	5,856	133	311	5
176	**7**	**3431**	8.1	47	7,464	121	307	6
175	**9**	**3333**	8.14	47	11,486	135	306	9
206	**1.99**	**3231**	6.92	40	2,383	117	360	1.99
193	**2.03**	**3032**	7.38	43	2,309	127	337	1.99
194	**3.35**	**3133**	7.34	42	4,139	131	339	3.23
201	**3.64**	**3331**	7.08	41	4,592	119	352	3.65
205	**6**	**3233**	6.96	40	5,608	133	358	6
209	**8**	**3431**	6.83	40	7,062	121	364	8
201	**10**	**3333**	7.09	41	10,986	135	351	10
228	**1.38**	**3131**	6.25	36	1,553	115	398	1.38
226	**2.18**	**3231**	6.31	37	2,315	117	395	2.18
222	**3.83**	**3133**	6.42	37	3,981	131	388	3.49
225	**4**	**3331**	6.33	37	4,433	119	393	4
233	**7**	**3233**	6.1	35	5,388	133	408	7
232	**9**	**3431**	6.15	36	6,827	121	405	9

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
0.9 kW - 50 Hz		*LSES 80 LG IFT/IE2 - LSES 80 LG IFT/IE3 LS 80 L FFB1 IFT/NIE - LSES 80 LG FFB1 IFT/IE3*					**1.57 kW - 87 Hz***	
250	**1.51**	**3131**	5.69	33	1,531	115	437	1.51
249	**2.41**	**3231**	5.71	33	2,255	117	436	2.41
252	**4**	**3133**	5.65	33	3,833	131	441	3.63
259	**5**	**3331**	5.5	32	4,239	119	453	5
256	**10**	**3431**	5.57	32	6,611	121	447	10
290	**1.75**	**3131**	4.92	29	1,491	115	506	1.75
292	**2.82**	**3231**	4.88	28	2,154	117	511	2.83
293	**5**	**3331**	4.87	28	4,079	119	512	5
278	**11**	**3431**	5.13	30	6,436	121	485	11
325	**1.96**	**3131**	4.38	26	1,463	115	568	1.96
329	**3.17**	**3231**	4.33	25	2,078	117	575	3.18
319	**6**	**3331**	4.47	26	3,969	119	557	5
323	**13**	**3431**	4.41	26	6,125	121	564	13
363	**2.19**	**3131**	3.93	23	1,438	115	634	2.19
366	**3.53**	**3231**	3.89	23	2,010	117	639	3.54
364	**5**	**3133**	3.91	23	3,435	131	636	4
361	**7**	**3331**	3.95	23	3,814	119	630	6
415	**2.50**	**3131**	3.44	20	1,404	115	724	2.50
416	**4**	**3231**	3.43	20	1,935	117	726	4.02
384	**5**	**3133**	3.71	21	3,387	131	671	4
405	**7**	**3331**	3.52	20	3,677	119	707	6
440	**0.85**	**3031**	3.24	19	1,047	113	770	0.85
438	**2.64**	**3131**	3.25	19	1,386	115	766	2.65
462	**4**	**3231**	3.09	18	1,873	117	807	4
451	**8**	**3331**	3.16	18	3,551	119	788	6
518	**1.00**	**3031**	2.75	16	1,033	113	905	1.00
521	**3.14**	**3131**	2.74	16	1,337	115	910	3.11
524	**5**	**3231**	2.72	16	1,801	117	915	5
490	**9**	**3331**	2.91	17	3,454	119	856	7
559	**1.08**	**3031**	2.55	15	1,021	113	976	1.08
553	**3.33**	**3131**	2.58	15	1,319	115	966	3.11
560	**5**	**3231**	2.55	15	1,763	117	978	5
552	**10**	**3331**	2.58	15	3,325	119	964	9
651	**1.26**	**3031**	2.19	13	996	113	1137	1.26
623	**3.76**	**3131**	2.29	13	1,287	115	1089	3.33
645	**6**	**3231**	2.21	13	1,687	117	1128	6
633	**10**	**3331**	2.25	13	3,178	119	1107	8
728	**1.41**	**3031**	1.96	11	991	113	1273	1.41
713	**4**	**3131**	2	12	1,237	115	1245	3.50
735	**7**	**3231**	1.94	11	1,622	117	1285	6
780	**1.51**	**3031**	1.83	11	963	113	1364	1.51
810	**4**	**3131**	1.76	10	1,206	115	1415	3.66
926	**1.79**	**3031**	1.54	9	939	113	1619	1.79
975	**1.88**	**3031**	1.46	9	920	113	1704	1.89
1077	**2.08**	**3031**	1.32	8	905	113	1883	2.08
1169	**5**	**3131**	1.22	7	1,093	115	2043	4
1232	**5**	**3131**	1.16	7	1,072	115	2154	4

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
1.1 kW - 50 Hz		*LSES 90 SL IFT/IE2 - LSES 90 SL IFT/IE3 LS 90 SL FFB2 IFT/NIE - LSES 90 SL FFB2 IFT/IE3*					**1.91 kW - 87 Hz***	
0.52	**0.80**	**3835**	2740	18482	36,575	147		
0.56	**0.87**	**3835**	2530	17028	38,919	147		
0.66	**1.01**	**3835**	2170	14635	42,261	147		
0.70	**1.08**	**3835**	2020	13637	43,462	147		
0.81	**0.82**	**3735**	1760	11891	21,096	147		
0.80	**1.24**	**3835**	1770	11942	45,247	147		
0.92	**0.93**	**3735**	1550	10477	24,428	147		
0.91	**1.40**	**3835**	1570	10555	46,466	147		
0.98	**0.99**	**3735**	1450	9805	26,013	147		
1.02	**1.57**	**3835**	1390	9399	47,316	147		
1.13	**1.14**	**3735**	1260	8506	29,074	147		
1.14	**1.75**	**3835**	1250	8421	47,917	147		
1.33	**2.05**	**3835**	1070	7206	48,513	147		
1.47	**1.46**	**3735**	970	6635	33,486	147		
1.45	**2.20**	**3835**	983	6701	48,712	147		
1.61	**1.60**	**3735**	885	6051	34,863	147		
1.72	**2.61**	**3835**	829	5653	49,033	147		
1.87	**0.82**	**3635**	762	5212	22,586	147		
1.78	**1.77**	**3735**	801	5481	36,204	147		
1.91	**2.90**	**3835**	747	5091	49,154	147		
2.05	**0.90**	**3635**	695	4753	23,877	147		
2.08	**2.07**	**3735**	684	4676	38,102	147		
2.11	**3.20**	**3835**	676	4609	49,229	147		
2.26	**1.00**	**3635**	630	4306	25,134	147		
2.34	**2.33**	**3735**	608	4157	39,327	147		
2.29	**3.48**	**3835**	623	4247	49,268	147		
2.65	**1.17**	**3635**	537	3674	26,912	147		
2.61	**2.59**	**3735**	546	3736	40,319	147		
2.66	**4**	**3835**	535	3650	49,301	147		
2.86	**0.90**	**3535**	498	3403	12,118	147	5.07	0.93
2.98	**1.31**	**3635**	477	3265	28,060	147		
2.96	**2.95**	**3735**	481	3289	41,373	147		
2.86	**4**	**3835**	499	3401	49,302	147		
3.04	**0.96**	**3535**	469	3207	13,355	147	5.39	0.98
3.32	**1.46**	**3635**	429	2935	28,990	147		
3.29	**3.27**	**3735**	433	2961	42,145	147		
3.26	**5**	**3835**	437	2978	49,289	147		
3.43	**1.08**	**3535**	416	2842	15,660	147	6.08	1.11
3.77	**1.66**	**3635**	378	2584	29,977	147		
3.74	**3.71**	**3735**	381	2609	42,975	147		
3.69	**6**	**3835**	386	2632	49,263	147		
3.92	**1.24**	**3535**	364	2487	17,902	147	6.94	1.27
4.19	**1.84**	**3635**	340	2326	30,701	147		
3.99	**3.97**	**3735**	357	2442	43,369	147		
4.14	**6.3**	**3835**	344	2344	49,231	147		
4.45	**1.40**	**3535**	320	2189	19,783	147	7.89	1.44
4.76	**2.09**	**3635**	300	2050	31,479	147		
4.60	**5**	**3735**	310	2118	44,132	147		
4.62	**7**	**3835**	308	2100	49,197	147		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
1.1 kW - 50 Hz		*LSES 90 SL IFT/IE2 - LSES 90 SL IFT/IE3 LS 90 SL FFB2 IFT/NIE - LSES 90 SL FFB2 IFT/IE3*					**1.91 kW - 87 Hz***	
5.21	**0.85**	**3435**	273	1890	4,539	147	9.23	0.87
4.89	**1.54**	**3535**	283	1993	21,021	147	8.67	1.58
5.08	**2.24**	**3635**	280	1918	31,848	147		
5.24	**5**	**3735**	272	1859	44,744	147		
5.40	**8**	**3835**	264	1797	49,145	147		
5.90	**0.96**	**3435**	242	1670	7,529	147	10.5	0.99
5.52	**1.74**	**3535**	251	1767	22,448	147	9.77	1.79
5.66	**2.52**	**3633**	252	1749	32,325	141		
5.85	**6**	**3733**	244	1687	45,148	143		
6.22	**1.01**	**3435**	229	1584	8,629	147	11.0	1.04
6.24	**1.97**	**3535**	222	1561	23,749	147	11.1	2.02
6.59	**2.94**	**3633**	216	1501	33,022	141		
6.57	**7**	**3733**	217	1502	45,585	143		
6.99	**1.15**	**3433**	204	1422	10,597	137	12.4	1.17
7.08	**2.21**	**3533**	201	1398	24,778	139	12.5	2.25
7.17	**3.19**	**3633**	199	1380	33,362	141		
7.20	**7**	**3733**	198	1370	45,896	143		
8.28	**1.35**	**3433**	172	1200	13,000	137	14.7	1.38
8.25	**2.57**	**3533**	173	1200	25,853	139	14.6	2.62
8.23	**3.67**	**3633**	173	1202	33,862	141		
8.15	**8**	**3733**	175	1211	46,270	143		
9.19	**1.50**	**3433**	155	1079	14,144	137	16.3	1.53
8.97	**2.79**	**3533**	159	1103	25,867	139	15.9	2.84
9.33	**4.16**	**3633**	153	1060	34,261	141		
10.1	**0.85**	**3333**	141	983	3,331	135	17.9	0.87
10.2	**1.66**	**3433**	140	977	15,013	137	18.0	1.69
10.3	**3.20**	**3533**	138	961	25,867	139	18.2	3.25
10.4	**5**	**3633**	137	951	34,567	141		
11.4	**0.96**	**3333**	125	870	5,326	135	20.3	0.98
11.0	**1.80**	**3433**	129	900	15,602	137	19.5	1.83
11.7	**3.62**	**3533**	122	847	25,859	139	20.7	3.60
11.7	**5**	**3633**	122	847	34,860	141		
12.5	**1.04**	**3333**	114	800	6,437	135	22.1	1.07
12.8	**2.09**	**3433**	111	773	16,445	137	22.7	2.12
13.0	**4**	**3533**	110	761	25,854	139	23.1	3.91
14.1	**1.18**	**3333**	101	706	7,761	135	25.0	1.21
13.8	**2.24**	**3433**	104	721	16,748	137	24.4	2.27
14.6	**4.52**	**3533**	97.5	677	25,854	139	25.9	4
15.8	**1.33**	**3333**	90.1	629	8,724	135	28.0	1.36
15.7	**2.55**	**3433**	90.7	631	17,191	137	27.9	2.59
18.3	**0.84**	**3233**	77.9	544	1,362	133	32.4	0.86
17.6	**1.48**	**3333**	80.9	565	9,444	135	31.2	1.51
17.8	**2.88**	**3433**	80.1	558	17,487	137	31.5	2.92
20.8	**0.95**	**3233**	68.6	479	2,325	133	36.8	0.97
19.1	**1.61**	**3333**	74.4	520	9,894	135	33.9	1.64
20.0	**3.23**	**3433**	71.4	497	17,684	137	35.4	3.27
22.2	**1.02**	**3233**	64.2	448	2,895	133	39.3	1.04
21.6	**1.81**	**3333**	66.1	462	10,419	135	38.2	1.85
22.3	**3.59**	**3433**	63.9	445	17,800	137	39.5	3.64

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
1.1 kW - 50 Hz		*LSES 90 SL IFT/IE2 - LSES 90 SL IFT/IE3 LS 90 SL FFB2 IFT/NIE - LSES 90 SL FFB2 IFT/IE3*					**1.91 kW - 87 Hz***	
25.6	**1.17**	**3233**	55.7	389	4,121	133	45.3	1.19
24.8	**2.08**	**3333**	57.6	402	10,887	135	43.9	2.11
26.1	**4**	**3433**	54.7	381	17,932	137	46.2	4
29.2	**1.34**	**3233**	48.9	341	5,157	133	51.7	1.36
29.3	**2.35**	**3333**	48.7	344	11,279	135	51.9	2.41
28.3	**4**	**3433**	50.3	354	17,965	137	50.2	5
28.7	**9**	**3533**	49.7	349	25,985	139	50.8	9
29.7	**12**	**3633**	48.1	337	36,294	141		
33.2	**1.50**	**3233**	43	303	5,969	133	58.8	1.52
32.4	**2.60**	**3333**	44	310	11,471	135	57.4	2.66
33.6	**5**	**3433**	42.5	299	18,004	137	59.5	5
33.4	**10**	**3533**	42.7	299	26,033	139	59.2	10
33.3	**14**	**3633**	42.8	300	36,398	141		
36.4	**1.64**	**3233**	39.2	277	6,515	133	64.4	1.66
36.2	**2.90**	**3333**	39.4	278	11,638	135	64.2	2.98
37.3	**6**	**3433**	38.2	269	18,007	137	66.0	6
36.3	**11**	**3533**	39.2	275	26,060	139	64.4	11
36.5	**16**	**3633**	39	274	36,473	141		
40.1	**1.81**	**3233**	35.5	251	7,014	133	71.1	1.83
41.7	**3.34**	**3333**	34.2	241	11,801	135	73.9	3.43
41.2	**6**	**3433**	34.6	244	18,001	137	72.9	7
41.7	**12**	**3533**	34.2	240	26,105	139	73.9	13
41.3	**17**	**3633**	34.5	242	36,562	141		
46.6	**0.94**	**3133**	30.6	216	3,266	131	82.6	0.95
47.0	**2.11**	**3233**	30.3	214	7,516	133	83.4	2.09
47.1	**3.78**	**3333**	30.2	213	11,907	135	83.5	3.87
44.7	**7**	**3433**	31.9	224	17,990	137	79.2	7
47.3	**14**	**3533**	30.1	211	26,100	139	83.8	14
52.3	**1.05**	**3133**	27.2	192	3,883	131	92.7	1.06
52.9	**2.37**	**3233**	26.9	190	7,585	133	93.8	2.29
51.3	**4**	**3333**	27.8	196	11,965	135	90.8	4
52.0	**8**	**3433**	27.4	193	17,962	137	92.1	8
52.7	**16**	**3533**	27.1	190	26,178	139	93.3	16
58.4	**1.17**	**3133**	24.4	172	4,370	131	103	1.18
58.9	**2.63**	**3233**	24.2	171	7,640	133	104	2.47
58.0	**5**	**3333**	24.6	173	12,033	135	103	5
55.8	**9**	**3433**	25.5	180	17,946	137	98.8	9
58.2	**12**	**3633**	24.5	172	36,759	141		
59.2	**17**	**3533**	24.1	169	26,212	139	105	17
66.7	**1.33**	**3133**	21.4	151	4,852	131	118	1.31
66.9	**2.98**	**3233**	21.3	150	7,700	133	119	2.69
65.1	**5**	**3333**	21.9	154	12,081	135	115	5
63.7	**10**	**3433**	22.4	157	17,913	137	113	10
65.4	**14**	**3633**	21.8	153	36,812	141		
70.6	**1.41**	**3133**	20.2	143	5,025	131	125	1.38
74.3	**3.29**	**3233**	19.2	135	7,498	133	132	2.89
72.6	**6**	**3333**	19.6	139	12,116	135	129	6
72.1	**11**	**3433**	19.8	139	17,881	137	128	11
71.7	**19**	**3633**	19.9	139	36,850	141		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
1.1 kW - 50 Hz		*LSES 90 SL IFT/IE2 - LSES 90 SL IFT/IE3 LS 90 SL FFB2 IFT/NIE - LSES 90 SL FFB2 IFT/IE3*					**1.91 kW - 87 Hz***	
83.8	**1.66**	**3133**	17	120	5,089	131	148	1.56
84.3	**3.61**	**3233**	16.9	119	7,242	133	149	3.15
78.8	**6**	**3333**	18.1	128	12,138	135	140	6
80.9	**12**	**3433**	17.6	124	17,850	137	143	12
81.1	**25**	**3633**	17.6	123	36,895	141		
88.9	**1.76**	**3133**	16	113	5,020	131	158	1.63
90.1	**3.78**	**3233**	15.8	112	7,106	133	160	3.29
88.8	**7**	**3333**	16.1	113	12,162	135	157	7
90.3	**14**	**3433**	15.8	111	17,822	137	160	13
100	**1.98**	**3133**	14.2	100	4,878	131	178	1.76
104	**4**	**3233**	13.7	97	6,828	133	184	3.62
102	**8**	**3333**	14	99	12,183	135	181	7
106	**16**	**3433**	13.5	95	17,783	137	187	15
115	**2.2**	**3133**	12.4	88	4,715	131	203	1.93
118	**5**	**3233**	12	85	6,578	133	210	3.94
114	**5**	**3333**	12.5	88	12,803	135	203	5
130	**2.42**	**3133**	10.9	77	4,567	131	231	2.10
132	**3.27**	**3233**	10.8	76	6,319	133	234	3.36
128	**5**	**3333**	11.1	78	12,622	135	228	5
147	**2.64**	**3133**	9.67	68	4,421	131	261	2.28
147	**3.64**	**3233**	9.72	69	6,128	133	260	3.73
143	**6**	**3333**	9.95	70	12,197	135	254	6
166	**2.86**	**3133**	8.57	61	4,276	131	295	2.47
166	**4**	**3233**	8.57	60	5,911	133	295	4
156	**6**	**3333**	9.16	65	11,879	135	276	6
182	**2.69**	**3331**	7.83	56	4,700	119	322	2.76
188	**3.09**	**3133**	7.57	53	4,139	131	333	2.67
178	**4**	**3233**	8.02	57	5,792	133	315	5
176	**5**	**3431**	8.1	58	7,431	121	312	5
175	**7**	**3333**	8.14	57	11,442	135	310	7
178	**10**	**3531**	8	57	7,604	123	316	10
206	**1.62**	**3231**	6.92	49	2,335	117	365	1.66
194	**2.73**	**3133**	7.34	52	4,068	131	344	2.69
201	**2.97**	**3331**	7.08	50	4,557	119	357	3.05
205	**5**	**3233**	6.96	49	5,555	133	363	5
209	**7**	**3431**	6.83	49	7,036	121	370	7
201	**8**	**3333**	7.09	50	10,946	135	356	8
208	**11**	**3531**	6.87	49	7,236	123	368	11
208	**19**	**3433**	6.86	48	16,893	137	368	19
226	**1.78**	**3231**	6.31	45	2,272	117	400	1.83
222	**3.12**	**3133**	6.42	45	3,924	131	393	2.90
225	**3.32**	**3331**	6.33	45	4,401	119	399	3.41
233	**6**	**3233**	6.1	43	5,341	133	414	6
232	**8**	**3431**	6.15	44	6,802	121	410	8
226	**13**	**3531**	6.31	45	7,041	123	400	12
249	**1.96**	**3231**	5.71	41	2,211	117	442	2.01
252	**3.49**	**3133**	5.65	40	3,783	131	447	3.02
259	**3.82**	**3331**	5.5	39	4,211	119	459	3.91
256	**8**	**3431**	5.57	40	6,587	121	453	9
259	**14**	**3531**	5.5	39	6,732	123	459	14

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
1.1 kW - 50 Hz		*LSES 90 SL IFT/IE2 - LSES 90 SL IFT/IE3 LS 90 SL FFB2 IFT/NIE - LSES 90 SL FFB2 IFT/IE3*					**1.91 kW - 87 Hz***	
290	**1.43**	**3131**	4.92	35	1,409	115	514	1.46
292	**2.30**	**3231**	4.88	35	2,114	117	518	2.36
285	**3.69**	**3133**	4.99	35	3,654	131	506	3.13
293	**4**	**3331**	4.87	35	4,050	119	519	4
278	**9**	**3431**	5.13	36	6,417	121	492	9
294	**16**	**3531**	4.85	34	6,462	123	521	16
325	**1.60**	**3131**	4.38	31	1,393	115	576	1.64
329	**2.59**	**3231**	4.33	31	2,044	117	583	2.66
322	**3.80**	**3133**	4.43	31	3,530	131	570	3.23
319	**5**	**3331**	4.47	32	3,944	119	564	4
323	**10**	**3431**	4.41	31	6,108	121	572	11
327	**18**	**3531**	4.35	31	6,236	123	580	17
363	**1.78**	**3131**	3.93	28	1,369	115	643	1.83
366	**2.88**	**3231**	3.89	28	1,980	117	648	2.96
364	**4**	**3133**	3.91	28	3,399	131	645	3.59
361	**5**	**3331**	3.95	28	3,793	119	639	5
347	**11**	**3431**	4.11	29	5,969	121	614	12
368	**20**	**3531**	3.88	27	6,005	123	652	18
415	**2.04**	**3131**	3.44	25	1,334	115	735	2.09
416	**3.27**	**3231**	3.43	24	1,911	117	736	3.36
384	**4**	**3133**	3.71	26	3,351	131	680	3.69
405	**6**	**3331**	3.52	25	3,656	119	717	5
396	**13**	**3431**	3.6	26	5,714	121	701	13
438	**2.16**	**3131**	3.25	23	1,331	115	777	2.21
462	**3.63**	**3231**	3.09	22	1,849	117	818	3.73
451	**6**	**3331**	3.16	23	3,528	119	799	5
448	**15**	**3431**	3.18	23	5,488	121	794	15
521	**2.56**	**3131**	2.74	20	1,281	115	923	2.59
524	**4**	**3231**	2.72	19	1,781	117	928	4
490	**7**	**3331**	2.91	21	3,436	119	868	6
503	**16**	**3431**	2.83	20	5,285	121	891	16
553	**2.72**	**3131**	2.58	18	1,278	115	979	2.59
560	**4**	**3231**	2.55	18	1,744	117	992	5
552	**8**	**3331**	2.58	18	3,310	119	977	7
561	**17**	**3431**	2.54	18	5,098	121	995	17
623	**3.07**	**3131**	2.29	16	1,246	115	1105	2.77
645	**5**	**3231**	2.21	16	1,666	117	1143	5
633	**8**	**3331**	2.25	16	3,164	119	1122	7
656	**19**	**3431**	2.17	15	4,845	121	1162	19
713	**3.39**	**3131**	2	14	1,210	115	1263	2.91
735	**6**	**3231**	1.94	14	1,600	117	1303	5
810	**3.58**	**3131**	1.76	13	1,165	115	1435	3.04
916	**3.73**	**3131**	1.56	11	1,138	115	1623	3.17
1033	**3.86**	**3131**	1.38	10	1,102	115	1831	3.28
978	**8**	**3331**	1.46	10	2,748	119	1733	7
1169	**4**	**3131**	1.22	9	1,065	115	2072	3.51
1128	**9**	**3331**	1.26	9	2,620	119	1999	7
1232	**4**	**3131**	1.16	8	1,058	115	2184	3.63

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
1.5 kW - 50 Hz		*LSES 90 L IFT/IE2 - LSES 90 LU IFT/IE3 LS 90 L FFB2 IFT/NIE - LSES 90 LU FFB2 IFT/IE3*					**2.61 kW - 87 Hz***	
0.71	**0.79**	**3835**	2020	18612	36,352	147		
0.81	**0.91**	**3835**	1770	16298	40,007	147		
0.91	**1.03**	**3835**	1570	14405	42,547	147		
1.03	**1.15**	**3835**	1390	12828	44,356	147		
1.14	**0.84**	**3735**	1260	11599	21,784	147		
1.15	**1.29**	**3835**	1250	11493	45,666	147		
1.34	**1.50**	**3835**	1070	9835	47,013	147		
1.47	**1.07**	**3735**	970	9047	27,800	147		
1.45	**1.61**	**3835**	983	9146	47,481	147		
1.62	**1.17**	**3735**	885	8250	29,678	147		
1.72	**1.91**	**3835**	829	7716	48,283	147		
1.78	**1.30**	**3735**	801	7474	31,507	147		
1.91	**2.13**	**3835**	747	6949	48,618	147		
2.09	**1.52**	**3735**	684	6376	34,095	147		
2.11	**2.35**	**3835**	676	6291	48,852	147		
2.35	**1.71**	**3735**	608	5668	35,765	147		
2.30	**2.55**	**3835**	623	5796	48,996	147		
2.66	**0.86**	**3635**	537	5009	23,157	147		
2.62	**1.90**	**3735**	546	5094	37,117	147		
2.67	**2.96**	**3835**	535	4982	49,173	147		
3.00	**0.96**	**3635**	477	4453	24,722	147		
2.97	**2.16**	**3735**	481	4484	38,554	147		
2.87	**3.18**	**3835**	499	4642	49,225	147		
3.33	**1.07**	**3635**	429	4002	25,989	147		
3.30	**2.40**	**3735**	433	4038	39,607	147		
3.27	**3.63**	**3835**	437	4065	49,282	147		
3.44	**0.79**	**3535**	416	3876	9,131	147	6.06	0.81
3.79	**1.22**	**3635**	378	3523	27,336	147		
3.75	**2.72**	**3735**	381	3558	40,739	147		
3.70	**4**	**3835**	386	3593	49,302	147		
3.93	**0.91**	**3535**	364	3391	12,194	147	6.93	0.92
4.20	**1.35**	**3635**	340	3172	28,323	147		
4.01	**2.91**	**3735**	357	3329	41,277	147		
4.16	**5**	**3835**	344	3199	49,299	147		
4.47	**1.03**	**3535**	320	2984	14,763	147	7.88	1.05
4.77	**1.53**	**3635**	300	2795	29,383	147		
4.62	**3.36**	**3735**	310	2888	42,316	147		
4.64	**5**	**3835**	308	2866	49,282	147		
4.91	**1.13**	**3535**	283	2717	16,449	147	8.65	1.15
5.10	**1.64**	**3635**	280	2616	29,888	147		
5.26	**3.82**	**3735**	272	2534	43,151	147		
5.42	**6**	**3835**	264	2453	49,245	147		
5.54	**1.28**	**3535**	251	2409	18,394	147	9.75	1.30
5.68	**1.85**	**3633**	252	2388	30,527	141		
5.87	**4**	**3733**	244	2306	43,689	143		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
1.5 kW - 50 Hz		*LSES 90 L IFT/IE2 - LSES 90 LU IFT/IE3 LS 90 L FFB2 IFT/NIE - LSES 90 LU FFB2 IFT/IE3*					**2.61 kW - 87 Hz***	
6.26	**1.44**	**3535**	222	2129	20,162	147	11.0	1.47
6.61	**2.15**	**3633**	216	2050	31,478	141		
6.59	**5**	**3733**	217	2052	44,287	143		
7.01	**0.84**	**3433**	204	1940	3,831	137	12.4	0.85
7.10	**1.62**	**3533**	201	1909	21,551	139	12.5	1.63
7.19	**2.34**	**3633**	199	1885	31,943	141		
7.23	**5**	**3733**	198	1872	44,712	143		
8.31	**0.99**	**3433**	172	1637	7,963	137	14.6	1.00
8.27	**1.88**	**3533**	173	1639	23,256	139	14.6	1.90
8.26	**2.68**	**3633**	173	1642	32,625	141		
8.18	**6**	**3733**	175	1655	45,223	143		
9.23	**1.10**	**3433**	155	1472	10,003	137	16.3	1.11
9.00	**2.05**	**3533**	159	1506	24,096	139	15.9	2.06
9.36	**3.04**	**3633**	153	1448	33,171	141		
10.2	**1.22**	**3433**	140	1333	11,601	137	18.0	1.23
10.3	**2.34**	**3533**	138	1312	25,321	139	18.2	2.36
10.4	**3.39**	**3633**	137	1300	33,588	141		
11.1	**1.32**	**3433**	129	1228	12,712	137	19.5	1.33
11.7	**2.65**	**3533**	122	1157	25,861	139	20.6	2.61
11.7	**3.80**	**3633**	122	1157	33,989	141		
12.9	**1.53**	**3433**	111	1056	14,350	137	22.7	1.54
13.1	**2.95**	**3533**	110	1039	25,869	139	23.0	2.84
14.1	**0.87**	**3333**	101	963	3,698	135	24.9	0.88
13.8	**1.64**	**3433**	104	984	14,957	137	24.3	1.65
14.7	**3.31**	**3533**	97.5	925	25,865	139	25.8	3.07
15.9	**0.97**	**3333**	90.1	858	5,516	135	28.0	0.99
15.8	**1.87**	**3433**	90.7	861	15,876	137	27.8	1.88
17.7	**1.08**	**3333**	80.9	770	6,874	135	31.2	1.10
17.9	**2.11**	**3433**	80.1	761	16,517	137	31.5	2.12
19.2	**1.18**	**3333**	74.4	709	7,727	135	33.9	1.19
20.0	**2.36**	**3433**	71.4	678	16,971	137	35.3	2.37
21.6	**1.33**	**3333**	66.1	630	8,723	135	38.1	1.34
22.4	**2.63**	**3433**	63.9	607	17,294	137	39.4	2.64
25.7	**0.86**	**3233**	55.7	531	1,529	133	45.2	0.87
24.8	**1.52**	**3333**	57.6	548	9,613	135	43.8	1.54
26.1	**3.07**	**3433**	54.7	520	17,615	137	46.1	3.07
29.3	**0.98**	**3233**	48.9	465	2,573	133	51.6	0.99
29.4	**1.72**	**3333**	48.7	468	10,362	135	51.8	1.75
28.4	**3.29**	**3433**	50.3	483	17,722	137	50.1	3.30
28.8	**6**	**3533**	49.7	476	25,901	139	50.7	6
29.8	**9**	**3633**	48.1	460	35,947	141		
33.3	**1.10**	**3233**	43	414	3,599	133	58.6	1.11
32.5	**1.90**	**3333**	44	423	10,730	135	57.3	1.94
33.7	**3.89**	**3433**	42.5	408	17,890	137	59.3	3.89
33.5	**7**	**3533**	42.7	409	25,938	139		
33.4	**10**	**3633**	42.8	410	36,090	141		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
1.5 kW - 50 Hz		*LSES 90 L IFT/IE2 - LSES 90 LU IFT/IE3 LS 90 L FFB2 IFT/NIE - LSES 90 LU FFB2 IFT/IE3*					**2.61 kW - 87 Hz***	
36.5	**1.20**	**3233**	39.2	377	4,377	133	64.3	1.21
36.3	**2.13**	**3333**	39.4	379	11,052	135	64.0	2.16
37.4	**4**	**3433**	38.2	367	17,950	137	65.9	4
36.5	**8**	**3533**	39.2	376	25,962	139	64.2	8
36.7	**11**	**3633**	39	374	36,191	141		
40.3	**1.33**	**3233**	35.5	342	5,149	133	71.0	1.33
41.8	**2.45**	**3333**	34.2	329	11,366	135	73.7	2.49
41.3	**5**	**3433**	34.6	332	17,985	137	72.8	5
41.8	**9**	**3533**	34.2	327	26,004	139		
41.5	**13**	**3633**	34.5	330	36,313	141		
47.2	**1.55**	**3233**	30.3	292	6,214	133	83.2	1.52
47.3	**2.77**	**3333**	30.2	291	11,573	135	83.3	2.82
44.8	**5**	**3433**	31.9	306	18,001	137	79.0	5
47.5	**10**	**3533**	30.1	289	26,044	139	83.6	10
53.1	**1.74**	**3233**	26.9	259	6,855	133	93.6	1.66
51.4	**3.01**	**3333**	27.8	268	11,686	135	90.7	3.06
52.2	**6**	**3433**	27.4	263	18,007	137	91.9	6
52.9	**11**	**3533**	27.1	259	26,080	139	93.2	11
58.6	**0.86**	**3133**	24.4	235	2,717	131	103	0.86
59.1	**1.93**	**3233**	24.2	233	7,330	133	104	1.80
58.2	**3.41**	**3333**	24.6	236	11,821	135	103	3.44
56.0	**6**	**3433**	25.5	245	18,002	137	99	6
58.4	**9**	**3633**	24.5	235	36,582	141	105	12
59.4	**13**	**3533**	24.1	231	26,117	139		
66.9	**0.98**	**3133**	21.4	206	3,538	131	118	0.95
67.1	**2.18**	**3233**	21.3	205	7,419	133	118	1.96
65.3	**3.83**	**3333**	21.9	211	11,917	135	115	4
63.9	**7**	**3433**	22.4	215	17,983	137	113	7
65.6	**10**	**3633**	21.8	209	36,655	141		
70.8	**1.03**	**3133**	20.2	194	3,830	131	125	1.00
74.5	**2.41**	**3233**	19.2	185	7,230	133	131	2.10
72.8	**4**	**3333**	19.6	189	11,988	135	128	4
72.3	**8**	**3433**	19.8	190	17,958	137	127	8
71.9	**14**	**3633**	19.9	190	36,706	141		
84.1	**1.22**	**3133**	17	164	4,569	131	148	1.14
84.6	**2.64**	**3233**	16.9	163	7,006	133	149	2.29
79.1	**5**	**3333**	18.1	174	12,031	135	139	4
81.2	**9**	**3433**	17.6	169	17,931	137	143	9
81.4	**18**	**3633**	17.6	168	36,769	141		
89.2	**1.29**	**3133**	16	154	4,745	131	157	1.18
90.4	**2.77**	**3233**	15.8	152	6,891	133	159	2.39
89.1	**5**	**3333**	16.1	155	12,081	135	157	5
90.7	**10**	**3433**	15.8	151	17,903	137	160	10

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
1.5 kW - 50 Hz		*LSES 90 L IFT/IE2 - LSES 90 LU IFT/IE3 LS 90 L FFB2 IFT/NIE - LSES 90 LU FFB2 IFT/IE3*					**2.61 kW - 87 Hz***	
101	**1.45**	**3133**	14.2	137	4,629	131	177	1.28
104	**3.07**	**3233**	13.7	132	6,639	133	184	2.63
102	**6**	**3333**	14	135	12,125	135	180	5
106	**12**	**3433**	13.5	130	17,862	137	187	11
115	**1.62**	**3133**	12.4	120	4,500	131	203	1.40
119	**3.34**	**3233**	12	116	6,409	133	209	2.87
115	**3.41**	**3333**	12.5	120	12,773	135	202	3.47
131	**1.77**	**3133**	10.9	105	4,377	131	230	1.53
132	**2.40**	**3233**	10.8	104	6,147	133	233	2.44
129	**3.83**	**3333**	11.1	107	12,480	135	227	3.89
148	**1.93**	**3133**	9.67	93	4,252	131	261	1.66
147	**2.67**	**3233**	9.72	94	5,973	133	259	2.71
144	**4**	**3333**	9.95	96	12,069	135	253	4
167	**2.09**	**3133**	8.57	82	4,133	131	294	1.80
167	**3.03**	**3233**	8.57	82	5,774	133	294	3.08
156	**5**	**3333**	9.16	88	11,764	135		
183	**1.97**	**3331**	7.83	76	4,618	119	322	2.00
189	**2.26**	**3133**	7.57	73	4,003	131	333	1.94
178	**3.23**	**3233**	8.02	77	5,667	133	314	3.29
177	**3.94**	**3431**	8.1	79	7,361	121		
176	**5**	**3333**	8.14	78	11,336	135		
179	**7**	**3531**	8	77	7,551	123		
207	**1.19**	**3231**	6.92	67.3	2,235	117	364	1.21
195	**2.00**	**3133**	7.34	70.6	3,927	131	343	1.96
202	**2.18**	**3331**	7.08	68.8	4,478	119	356	2.22
206	**3.73**	**3233**	6.96	67.0	5,442	133	362	3.79
209	**5**	**3431**	6.83	66.3	6,977	121		
202	**6**	**3333**	7.09	68.2	10,855	135		
208	**8**	**3531**	6.87	66.5	7,189	123		
208	**14**	**3433**	6.86	65.9	16,804	137		
227	**1.30**	**3231**	6.31	61.3	2,180	117	400	1.33
223	**2.29**	**3133**	6.42	61.8	3,798	131	392	2.11
226	**2.44**	**3331**	6.33	61.6	4,329	119	398	2.48
234	**4**	**3233**	6.1	58.7	5,240	133		
232	**6**	**3431**	6.15	59.7	6,746	121		
227	**9**	**3531**	6.31	61.1	6,996	123		
250	**1.44**	**3231**	5.71	55.6	2,126	117	441	1.46
253	**2.56**	**3133**	5.65	54.4	3,678	131	446	2.19
260	**2.80**	**3331**	5.5	53.5	4,150	119	458	2.84
257	**6**	**3431**	5.57	54.0	6,536	121		
260	**11**	**3531**	5.5	53.2	6,692	123		
291	**1.05**	**3131**	4.92	47.8	843	115	513	1.06
293	**1.69**	**3231**	4.88	47.4	2,043	117	517	1.72
286	**2.70**	**3133**	4.99	48.1	3,557	131	505	2.28
294	**3.17**	**3331**	4.87	47.3	3,996	119	518	3.13
279	**7**	**3431**	5.13	49.8	6,366	121		
295	**12**	**3531**	4.85	46.9	6,423	123		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
1.5 kW - 50 Hz		*LSES 90 L IFT/IE2 - LSES 90 LU IFT/IE3 LS 90 L FFB2 IFT/NIE - LSES 90 LU FFB2 IFT/IE3*					**2.61 kW - 87 Hz***	
326	**1.17**	**3131**	4.38	42.6	1,023	115	575	1.19
330	**1.90**	**3231**	4.33	42.1	1,977	117	582	1.93
323	**2.78**	**3133**	4.43	42.6	3,440	131	569	2.35
320	**3.45**	**3331**	4.47	43.5	3,890	119	563	3.21
324	**8**	**3431**	4.41	42.8	6,063	121		
329	**13**	**3531**	4.35	42.1	6,202	123		
364	**1.31**	**3131**	3.93	38.2	1,214	115	641	1.33
367	**2.11**	**3231**	3.89	37.9	1,919	117	647	2.15
365	**3.10**	**3133**	3.91	37.7	3,324	131	644	2.61
362	**3.90**	**3331**	3.95	38.4	3,746	119		
348	**8**	**3431**	4.11	39.9	5,927	121		
369	**14**	**3531**	3.88	37.5	5,970	123		
416	**1.50**	**3131**	3.44	33.4	1,221	115	733	1.52
417	**2.40**	**3231**	3.43	33.3	1,853	117	735	2.44
385	**3.19**	**3133**	3.71	35.7	3,276	131	679	2.69
406	**4**	**3331**	3.52	34.2	3,612	119		
397	**9**	**3431**	3.6	34.9	5,677	121		
440	**1.58**	**3131**	3.25	31.6	1,204	115	775	1.61
463	**2.67**	**3231**	3.09	30.0	1,796	117	816	2.71
453	**4**	**3331**	3.16	30.7	3,488	119		
449	**11**	**3431**	3.18	30.9	5,454	121		
523	**1.88**	**3131**	2.74	26.6	1,182	115	921	1.88
526	**3.02**	**3231**	2.72	26.5	1,734	117	926	3.08
492	**5**	**3331**	2.91	28.3	3,400	119		
505	**12**	**3431**	2.83	27.5	5,254	121		
554	**1.99**	**3131**	2.58	25.1	1,179	115	977	1.88
562	**3.23**	**3231**	2.55	24.8	1,696	117	990	3.29
554	**6**	**3331**	2.58	25.1	3,273	119		
563	**13**	**3431**	2.54	24.6	5,066	121		
626	**2.25**	**3131**	2.29	22.2	1,160	115	1103	2.01
648	**3.73**	**3231**	2.21	21.5	1,630	117	1141	3.61
636	**6**	**3331**	2.25	21.9	3,130	119		
658	**14**	**3431**	2.17	21.1	4,816	121		
715	**2.48**	**3131**	2	19.5	1,139	115	1260	2.12
738	**4**	**3231**	1.94	18.8	1,562	117		
813	**2.63**	**3131**	1.76	17.1	1,107	115	1432	2.21
919	**2.73**	**3131**	1.56	15.1	1,081	115	1620	2.30
1037	**2.83**	**3131**	1.38	13.4	1,058	115	1827	2.39
981	**6**	**3331**	1.46	14.2	2,722	119		
1173	**3.03**	**3131**	1.22	11.9	1,022	115	2068	2.56
1132	**6**	**3331**	1.26	12.3	2,598	119		
1237	**3.13**	**3131**	1.16	11.2	1,015	115	2179	2.64

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
1.8 kW - 50 Hz		*LSES 90 LU IFT/IE2 - LSES 100 L IFT/IE3 LS 90 L FFB2 IFT/NIE - LSES 100 L FFB2 IFT/IE3*					**3.13 kW - 87 Hz***	
0.92	**0.86**	**3835**	1570	17260	38,561	147		
1.03	**0.96**	**3835**	1390	15370	41,304	147		
1.15	**1.07**	**3835**	1250	13770	43,309	147		
1.34	**1.25**	**3835**	1070	11785	45,396	147		
1.48	**0.89**	**3735**	970	10835	23,584	147		
1.46	**1.35**	**3835**	983	10959	46,133	147		
1.62	**0.98**	**3735**	885	9881	25,833	147		
1.73	**1.60**	**3835**	829	9245	47,417	147		
1.79	**1.08**	**3735**	801	8952	28,024	147		
1.92	**1.77**	**3835**	747	8326	47,970	147		
2.10	**1.27**	**3735**	684	7637	31,123	147		
2.12	**1.96**	**3835**	676	7538	48,367	147		
2.36	**1.43**	**3735**	608	6788	33,124	147		
2.30	**2.13**	**3835**	623	6945	48,619	147		
2.63	**1.59**	**3735**	546	6101	34,743	147		
2.68	**2.47**	**3835**	535	5969	48,949	147		
3.01	**0.80**	**3635**	477	5333	22,247	147		
2.98	**1.80**	**3735**	481	5371	36,464	147		
2.88	**2.66**	**3835**	499	5562	49,055	147		
3.34	**0.89**	**3635**	429	4793	23,765	147		
3.31	**2.00**	**3735**	433	4836	37,726	147		
3.28	**3.03**	**3835**	437	4871	49,191	147		
3.80	**1.02**	**3635**	378	4219	25,378	147		
3.76	**2.27**	**3735**	381	4261	39,081	147		
3.72	**3.43**	**3835**	386	4305	49,263	147		
4.22	**1.13**	**3635**	340	3799	26,560	147		
4.02	**2.43**	**3735**	357	3988	39,725	147		
4.17	**3.85**	**3835**	344	3833	49,295	147		
4.48	**0.86**	**3535**	320	3574	11,038	147	7.91	0.87
4.79	**1.28**	**3635**	300	3347	27,830	147		
4.63	**2.80**	**3735**	310	3459	40,970	147		
4.66	**4**	**3835**	308	3434	49,303	147		
4.93	**0.94**	**3535**	283	3254	13,059	147	8.68	0.96
5.12	**1.37**	**3635**	280	3133	28,434	147		
5.28	**3.19**	**3735**	272	3035	41,970	147		
5.44	**5**	**3835**	264	2939	49,287	147		
5.55	**1.07**	**3535**	251	2886	15,382	147	9.79	1.08
5.70	**1.54**	**3633**	252	2863	29,193	141		
5.89	**3.65**	**3733**	244	2765	42,607	143		
6.29	**1.21**	**3535**	222	2550	17,504	147	11.1	1.22
6.64	**1.79**	**3633**	216	2457	30,333	141		
6.62	**4.10**	**3733**	217	2461	43,324	143		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
1.8 kW - 50 Hz		*LSES 90 LU IFT/IE2 - LSES 100 L IFT/IE3 LS 90 L FFB2 IFT/NIE - LSES 100 L FFB2 IFT/IE3*					**3.13 kW - 87 Hz***	
7.13	**1.35**	**3533**	201	2288	19,158	139	12.6	1.36
7.22	**1.95**	**3633**	199	2259	30,891	141		
7.25	**5**	**3733**	198	2245	43,834	143		
8.34	**0.83**	**3433**	172	1961	3,536	137	14.7	0.83
8.30	**1.57**	**3533**	173	1964	21,204	139	14.6	1.58
8.29	**2.24**	**3633**	173	1968	31,708	141		
8.20	**5**	**3733**	175	1984	44,447	143		
9.26	**0.92**	**3433**	155	1764	6,276	137	16.3	0.92
9.03	**1.71**	**3533**	159	1806	22,202	139	15.9	1.71
9.40	**2.54**	**3633**	153	1735	32,362	141		
10.2	**1.01**	**3433**	140	1597	8,466	137	18.0	1.02
10.4	**1.95**	**3533**	138	1573	23,673	139	18.3	1.96
10.5	**2.83**	**3633**	137	1558	32,862	141		
11.1	**1.10**	**3433**	129	1472	10,012	137	19.6	1.10
11.8	**2.21**	**3533**	122	1387	24,848	139	20.7	2.17
11.8	**3.17**	**3633**	122	1387	33,343	141		
12.9	**1.28**	**3433**	111	1265	12,334	137	22.8	1.28
13.1	**2.46**	**3533**	110	1245	25,744	139	23.1	2.36
13.9	**1.37**	**3433**	104	1179	13,208	137	24.4	1.37
14.7	**2.76**	**3533**	97.5	1108	25,867	139	25.9	2.55
15.9	**0.81**	**3333**	90.1	1028	2,468	135	28.1	0.82
15.8	**1.56**	**3433**	90.7	1032	14,554	137	27.9	1.56
17.8	**0.91**	**3333**	80.9	922	4,431	135	31.3	0.92
17.9	**1.76**	**3433**	80.1	912	15,512	137	31.6	1.76
19.3	**0.98**	**3333**	74.4	849	5,664	135	34.0	0.99
20.1	**1.97**	**3433**	71.4	812	16,204	137	35.5	1.98
21.7	**1.11**	**3333**	66.1	754	7,106	135	38.3	1.12
22.5	**2.2**	**3433**	63.9	728	16,709	137	39.6	2.20
24.9	**1.27**	**3333**	57.6	657	8,396	135	43.9	1.28
26.2	**2.56**	**3433**	54.7	623	17,228	137	46.2	2.56
29.4	**0.82**	**3233**	48.9	557	1,211	133	51.8	0.82
29.5	**1.44**	**3333**	48.7	561	9,482	135	52.0	1.46
28.5	**2.75**	**3433**	50.3	579	17,408	137	50.3	2.75
28.9	**5.3**	**3533**	49.7	571	25,869	139	50.9	5
29.9	**7.6**	**3633**	48.1	552	35,690	141		
33.4	**0.92**	**3233**	43	495	2,050	133	58.9	0.92
32.6	**1.59**	**3333**	44	507	10,017	135	57.5	1.61
33.8	**3.24**	**3433**	42.5	488	17,707	137	59.6	3.24
33.6	**6.1**	**3533**	42.7	490	25,895	139	59.3	6
33.6	**8.3**	**3633**	42.8	491	35,861	141		
36.6	**1.01**	**3233**	39.2	452	2,831	133	64.5	1.01
36.5	**1.78**	**3333**	39.4	454	10,487	135	64.3	1.80
37.5	**3.59**	**3433**	38.2	440	17,827	137	66.2	3.58
36.6	**6.6**	**3533**	39.2	450	25,914	139	64.5	7
36.8	**9.6**	**3633**	39	448	35,982	141		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
1.8 kW - 50 Hz		*LSES 90 LU IFT/IE2 - LSES 100 L IFT/IE3 LS 90 L FFB2 IFT/NIE - LSES 100 L FFB2 IFT/IE3*					**3.13 kW - 87 Hz***	
40.4	**1.11**	**3233**	35.5	409	3,690	133	71.3	1.11
42.0	**2.05**	**3333**	34.2	394	10,946	135	74.0	2.07
41.5	**3.96**	**3433**	34.6	398	17,906	137	73.1	3.94
42.0	**8**	**3533**	34.2	392	25,950	139	74.0	8
41.6	**11**	**3633**	34.5	396	36,128	141		
47.4	**1.29**	**3233**	30.3	349	4,987	133	83.5	1.26
47.5	**2.31**	**3333**	30.2	349	11,248	135	83.7	2.34
45.0	**4**	**3433**	31.9	367	17,951	137	79.3	4
47.6	**9**	**3533**	30.1	346	25,987	139	83.9	9
53.3	**1.45**	**3233**	26.9	310	5,821	133	94.0	1.38
51.6	**2.51**	**3333**	27.8	320	11,415	135	91.0	2.55
52.3	**5**	**3433**	27.4	315	17,996	137	92.3	5
53.1	**10**	**3533**	27.1	311	26,021	139	93.5	9
59.3	**1.61**	**3233**	24.2	279	6,468	133	105	1.49
58.4	**2.85**	**3333**	24.6	283	11,612	135	103	2.86
56.2	**5**	**3433**	25.5	294	18,005	137	99.0	5
58.6	**8**	**3633**	24.5	281	36,451	141	105	10
59.6	**11**	**3533**	24.1	277	26,059	139		
67.2	**0.81**	**3133**	21.4	246	2,380	131	118	0.79
67.4	**1.82**	**3233**	21.3	246	7,106	133	119	1.63
65.6	**3.19**	**3333**	21.9	252	11,755	135	116	3.13
64.1	**6**	**3433**	22.4	257	18,006	137	113	6
65.8	**8**	**3633**	21.8	250	36,538	141		
71.1	**0.86**	**3133**	20.2	233	2,780	131	125	0.83
74.8	**2.01**	**3233**	19.2	221	7,035	133	132	1.75
73.1	**3.56**	**3333**	19.6	226	11,860	135	129	3.39
72.6	**7**	**3433**	19.8	227	17,992	137	128	7
72.2	**12**	**3633**	19.9	228	36,600	141		
84.4	**1.02**	**3133**	17	196	3,788	131	149	0.94
84.9	**2.21**	**3233**	16.9	195	6,832	133	150	1.90
79.4	**3.87**	**3333**	18.1	208	11,925	135	140	3.63
81.5	**8**	**3433**	17.6	203	17,972	137	144	7
81.7	**15**	**3633**	17.6	202	36,675	141		
89.5	**1.08**	**3133**	16	185	4,072	131	158	0.98
90.7	**2.31**	**3233**	15.8	182	6,727	133	160	1.99
89.4	**4**	**3333**	16.1	185	12,000	135	158	3.96
91.0	**8**	**3433**	15.8	181	17,948	137	160	8
101	**1.21**	**3133**	14.2	164	4,446	131	178	1.07
105	**2.56**	**3233**	13.7	158	6,497	133	184	2.19
103	**5**	**3333**	14	161	12,065	135	181	4.41
106	**10**	**3433**	13.5	155	17,909	137	187	9

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
1.8 kW - 50 Hz		*LSES 90 LU IFT/IE2 - LSES 100 L IFT/IE3 LS 90 L FFB2 IFT/NIE - LSES 100 L FFB2 IFT/IE3*					**3.13 kW - 87 Hz***	
115	**1.35**	**3133**	12.4	143	4,343	131	204	1.17
119	**2.78**	**3233**	12	139	6,283	133	210	2.38
115	**2.85**	**3333**	12.5	144	12,734	135	203	2.89
131	**1.48**	**3133**	10.9	126	4,234	131	231	1.27
133	**2.00**	**3233**	10.8	124	6,021	133	234	2.03
129	**3.19**	**3333**	11.1	128	12,373	135	228	3.24
148	**1.61**	**3133**	9.67	111	4,128	131	262	1.38
148	**2.23**	**3233**	9.72	112	5,860	133	260	2.26
144	**3.56**	**3333**	9.95	115	11,970	135	254	3.61
167	**1.74**	**3133**	8.57	99	4,016	131	295	1.49
167	**2.53**	**3233**	8.57	99	5,667	133	295	2.56
157	**3.87**	**3333**	9.16	106	11,670	135	276	3.92
183	**1.64**	**3331**	7.83	91	4,555	119	323	1.67
189	**1.89**	**3133**	7.57	87	3,906	131	334	1.62
179	**2.70**	**3233**	8.02	92	5,571	133	316	2.74
177	**3.29**	**3431**	8.1	94	7,309	121	312	3.24
176	**4**	**3333**	8.14	94	11,253	135	311	4
179	**6**	**3531**	8	93	7,506	123	316	6
207	**0.99**	**3231**	6.92	81	2,156	117	366	1.01
196	**1.67**	**3133**	7.34	85	3,822	131	345	1.63
203	**1.82**	**3331**	7.08	82	4,423	119	358	1.85
206	**3.11**	**3233**	6.96	80	5,359	133	364	3.16
210	**4**	**3431**	6.83	79	6,930	121	370	4
202	**5**	**3333**	7.09	82	10,780	135	357	5
209	**7**	**3531**	6.87	80	7,149	123	368	7
209	**12**	**3433**	6.86	79	16,734	137	369	12
228	**1.09**	**3231**	6.31	73	2,111	117	401	1.10
223	**1.91**	**3133**	6.42	74	3,707	131	394	1.75
227	**2.03**	**3331**	6.33	74	4,277	119	399	2.06
235	**3.55**	**3233**	6.1	70	5,169	133	415	3.60
233	**5**	**3431**	6.15	72	6,702	121	411	5
227	**8**	**3531**	6.31	73	6,960	123	401	8
251	**1.2**	**3231**	5.71	67	2,063	117	443	1.22
254	**2.14**	**3133**	5.65	65	3,595	131	448	1.82
261	**2.34**	**3331**	5.5	64	4,101	119	460	2.37
258	**5**	**3431**	5.57	65	6,494	121	454	5
261	**9**	**3531**	5.5	64	6,657	123	460	9
292	**0.87**	**3131**	4.92	57	245	115	515	0.89
294	**1.41**	**3231**	4.88	57	1,985	117	519	1.43
287	**2.25**	**3133**	4.99	58	3,481	131	507	1.90
295	**2.65**	**3331**	4.87	57	3,950	119	520	2.60
280	**6**	**3431**	5.13	60	6,327	121	493	6
296	**10**	**3531**	4.85	56	6,395	123	522	9

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
1.8 kW - 50 Hz		*LSES 90 LU IFT/IE2 - LSES 100 L IFT/IE3 LS 90 L FFB2 IFT/NIE - LSES 100 L FFB2 IFT/IE3*					**3.13 kW - 87 Hz***	
327	**0.98**	**3131**	4.38	51	491	115	577	0.99
331	**1.59**	**3231**	4.33	50	1,929	117	584	1.61
324	**2.32**	**3133**	4.43	51	3,378	131	571	1.95
321	**2.88**	**3331**	4.47	52	3,852	119	566	2.67
325	**6**	**3431**	4.41	51	6,030	121	573	6
330	**11**	**3531**	4.35	51	6,173	123	581	10
365	**1.09**	**3131**	3.93	46	682	115	644	1.11
368	**1.76**	**3231**	3.89	45	1,875	117	650	1.79
367	**2.59**	**3133**	3.91	45	3,270	131	647	2.17
363	**3.26**	**3331**	3.95	46	3,708	119	640	2.94
349	**7**	**3431**	4.11	48	5,894	121	615	7
370	**12**	**3531**	3.88	45	5,945	123	653	11
417	**1.25**	**3131**	3.44	40	916	115	736	1.27
419	**2.00**	**3231**	3.43	40	1,809	117	738	2.03
387	**2.66**	**3133**	3.71	43	3,221	131	682	2.23
407	**3.58**	**3331**	3.52	41	3,578	119	718	3.05
399	**8**	**3431**	3.6	42	5,648	121	703	8
442	**1.32**	**3131**	3.25	38	982	115	778	1.34
465	**2.23**	**3231**	3.09	36	1,757	117	820	2.26
454	**3.74**	**3331**	3.16	37	3,457	119	801	3.15
451	**9**	**3431**	3.18	37	5,427	121	795	9
524	**1.57**	**3131**	2.74	32	1,111	115	924	1.57
528	**2.53**	**3231**	2.72	32	1,694	117	930	2.56
493	**4**	**3331**	2.91	34	3,369	119	870	3.74
506	**10**	**3431**	2.83	33	5,227	121	893	10
556	**1.66**	**3131**	2.58	30	1,108	115	981	1.56
564	**2.7**	**3231**	2.55	30	1,661	117	994	2.74
555	**5**	**3331**	2.58	30	3,246	119	979	4
565	**11**	**3431**	2.54	30	5,042	121	997	10
628	**1.88**	**3131**	2.29	27	1,089	115	1107	1.67
650	**3.11**	**3231**	2.21	26	1,594	117	1146	3.00
638	**5**	**3331**	2.25	26	3,108	119	1124	4
661	**12**	**3431**	2.17	25	4,795	121	1165	12
718	**2.07**	**3131**	2	23	1,081	115	1265	1.76
741	**3.55**	**3231**	1.94	23	1,532	117	1306	3.25
815	**2.19**	**3131**	1.76	21	1,050	115	1438	1.84
923	**2.28**	**3131**	1.56	18	1,038	115	1626	1.91
1040	**2.36**	**3131**	1.38	16	1,015	115	1834	1.98
985	**5**	**3331**	1.46	17	2,701	119	1736	4
1177	**2.53**	**3131**	1.22	14	993	115	2076	2.13
1136	**5**	**3331**	1.26	15	2,577	119	2003	4
1241	**2.61**	**3131**	1.16	13	986	115	2188	2.19

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
2.2 kW - 50 Hz		*LSES 100 L IFT/IE2 - LSES 100 LR IFT/IE3 LS 100 L FFB2 IFT/NIE - LSES 100 LR FFB2 IFT/IE3*					**3.83 kW - 87 Hz***	
1.03	**0.78**	**3835**	1390	18820	35,995	147		
1.15	**0.88**	**3835**	1250	16861	39,173	147		
1.34	**1.02**	**3835**	1070	14430	42,517	147		
1.46	**1.1**	**3835**	983	13419	43,711	147		
1.73	**1.3**	**3835**	829	11320	45,820	147		
1.79	**0.88**	**3735**	801	10957	23,298	147		
1.92	**1.45**	**3835**	747	10195	46,747	147		
2.10	**1.04**	**3735**	684	9347	27,091	147		
2.12	**1.6**	**3835**	676	9230	47,427	147		
2.36	**1.17**	**3735**	608	8309	29,539	147		
2.30	**1.74**	**3835**	623	8504	47,870	147		
2.63	**1.3**	**3735**	546	7468	31,522	147		
2.68	**2.02**	**3835**	535	7309	48,469	147		
2.98	**1.47**	**3735**	481	6574	33,629	147		
2.88	**2.17**	**3835**	499	6811	48,671	147		
3.31	**1.64**	**3735**	433	5919	35,173	147		
3.28	**2.48**	**3835**	437	5964	48,950	147		
3.80	**0.83**	**3635**	378	5165	22,720	147		
3.76	**1.86**	**3735**	381	5215	36,831	147		
3.72	**2.8**	**3835**	386	5271	49,119	147		
4.22	**0.92**	**3635**	340	4650	24,167	147		
4.02	**1.99**	**3735**	357	4881	37,620	147		
4.17	**3.15**	**3835**	344	4694	49,218	147		
4.79	**1.05**	**3635**	300	4097	25,721	147		
4.63	**2.29**	**3735**	310	4234	39,144	147		
4.66	**3.51**	**3835**	308	4205	49,272	147		
5.12	**1.12**	**3635**	280	3834	26,461	147		
5.28	**2.61**	**3735**	272	3715	40,368	147		
5.44	**4**	**3835**	264	3599	49,302	147		
5.55	**0.87**	**3535**	251	3532	11,303	147	9.81	0.89
5.70	**1.26**	**3633**	252	3506	27,383	141		
5.89	**2.98**	**3733**	244	3388	41,139	143		
6.29	**0.98**	**3535**	222	3121	13,899	147	11.1	1.01
6.64	**1.46**	**3633**	216	3010	28,780	141		
6.62	**3.35**	**3733**	217	3015	42,018	143		
7.13	**1.10**	**3533**	201	2803	15,906	139	12.6	1.12
7.22	**1.59**	**3633**	199	2767	29,463	141		
7.25	**3.67**	**3733**	198	2750	42,642	143		
8.30	**1.28**	**3533**	173	2406	18,413	139	14.7	1.30
8.29	**1.83**	**3633**	173	2411	30,464	141		
8.20	**4**	**3733**	175	2431	43,394	143		
9.03	**1.39**	**3533**	159	2212	19,638	139	16.0	1.41
9.40	**2.07**	**3633**	153	2126	31,265	141		
9.11	**5**	**3733**	158	2190	43,962	143		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
2.2 kW - 50 Hz		*LSES 100 L IFT/IE2 - LSES 100 LR IFT/IE3 LS 100 L FFB2 IFT/NIE - LSES 100 LR FFB2 IFT/IE3*					**3.83 kW - 87 Hz***	
10.2	**0.83**	**3433**	140	1956	3,606	137	18.1	0.84
10.4	**1.60**	**3533**	138	1927	21,438	139	18.3	1.62
10.5	**2.31**	**3633**	137	1908	31,878	141		
10.2	**5**	**3733**	141	1953	44,521	143		
11.1	**0.90**	**3433**	129	1802	5,761	137	19.6	0.91
11.8	**1.81**	**3533**	122	1699	22,878	139	20.8	1.79
11.8	**2.59**	**3633**	122	1698	32,467	141		
11.1	**6**	**3733**	129	1796	44,891	143		
12.9	**1.04**	**3433**	111	1549	9,075	137	22.8	1.06
13.1	**2.01**	**3533**	110	1525	23,976	139	23.1	1.94
12.8	**2.82**	**3633**	112	1556	32,867	141		
13.9	**1.12**	**3433**	104	1443	10,349	137	24.5	1.13
14.7	**2.25**	**3533**	97.5	1358	25,031	139	26.0	2.10
14.9	**3.25**	**3633**	96.6	1345	33,460	141		
15.8	**1.27**	**3433**	90.7	1264	12,345	137	28.0	1.29
16.1	**2.45**	**3533**	89.3	1244	25,750	139	28.4	2.23
16.4	**3.59**	**3633**	87.3	1216	33,823	141		
17.9	**1.44**	**3433**	80.1	1117	13,797	137	31.6	1.45
18.6	**2.83**	**3533**	77.2	1075	25,869	139	32.8	2.45
19.3	**0.80**	**3333**	74.4	1039	2,244	135	34.1	0.82
20.1	**1.61**	**3433**	71.4	995	14,868	137	35.5	1.63
20.6	**3.03**	**3533**	69.8	972	25,868	139	36.3	2.59
21.7	**0.90**	**3333**	66.1	923	4,421	135	38.4	0.92
22.5	**1.79**	**3433**	63.9	891	15,666	137	39.7	1.81
24.9	**1.04**	**3333**	57.6	804	6,373	135	44.0	1.05
26.2	**2.09**	**3433**	54.7	763	16,510	137	46.3	2.11
27.6	**1.15**	**3333**	52.1	727	7,479	135	48.7	1.16
28.5	**2.24**	**3433**	50.3	709	16,811	137	50.4	2.26
28.9	**4**	**3533**	49.7	699	25,854	139	51.0	4
29.9	**6**	**3633**	48.1	676	35,341	141		
31.6	**1.31**	**3333**	45.4	634	8,672	135	55.8	1.33
33.8	**2.65**	**3433**	42.5	598	17,332	137	59.7	2.67
33.6	**5**	**3533**	42.7	600	25,863	139	59.4	5
33.6	**7**	**3633**	42.8	602	35,551	141		
36.7	**0.83**	**3233**	39.1	545	1,345	133	64.9	0.84
36.5	**1.45**	**3333**	39.4	555	9,543	135	64.4	1.48
37.5	**2.93**	**3433**	38.2	539	17,554	137	66.3	2.95
36.6	**5**	**3533**	39.2	552	25,873	139	64.6	5
36.8	**8**	**3633**	39	549	35,699	141		
40.4	**0.91**	**3233**	35.5	501	1,961	133	71.4	0.91
42.0	**1.67**	**3333**	34.2	482	10,242	135	74.2	1.71
41.5	**3.23**	**3433**	34.6	488	17,710	137	73.2	3.25
42.0	**6**	**3533**	34.2	481	25,899	139	74.2	6
41.6	**9**	**3633**	34.5	485	35,878	141		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
2.2 kW - 50 Hz		*LSES 100 L IFT/IE2 - LSES 100 LR IFT/IE3 LS 100 L FFB2 IFT/NIE - LSES 100 LR FFB2 IFT/IE3*					**3.83 kW - 87 Hz***	
47.4	**1.06**	**3233**	30.3	427	3,315	133	83.7	1.04
47.5	**1.89**	**3333**	30.2	427	10,703	135	83.8	1.93
45.0	**3.5**	**3433**	31.9	449	17,806	137	79.5	3.52
47.6	**7**	**3533**	30.1	424	25,929	139	84.1	7
46.2	**10**	**3633**	31.1	437	36,013	141		
53.3	**1.19**	**3233**	26.9	380	4,319	133	94.1	1.14
51.6	**2.05**	**3333**	27.8	392	10,958	135	91.2	2.10
52.3	**4**	**3433**	27.4	386	17,925	137	92.5	4
53.1	**8**	**3533**	27.1	380	25,959	139	93.7	8
51.8	**11**	**3633**	27.7	390	36,146	141		
59.3	**1.32**	**3233**	24.2	341	5,155	133	105	1.23
58.4	**2.33**	**3333**	24.6	347	11,261	135	103	2.36
56.2	**4**	**3433**	25.5	360	17,959	137	99.2	4
59.6	**9**	**3533**	24.1	339	25,994	139	105	8
56.3	**11**	**3633**	25.5	358	36,234	141		
67.4	**1.49**	**3233**	21.3	301	6,027	133	119	1.34
65.6	**2.61**	**3333**	21.9	309	11,480	135	116	2.58
64.1	**5**	**3433**	22.4	315	17,997	137	113	5
65.8	**7**	**3633**	21.8	307	36,380	141	115	9
65.1	**9**	**3533**	22.1	310	26,006	139		
74.8	**1.64**	**3233**	19.2	271	6,633	133	132	1.44
73.1	**2.91**	**3333**	19.6	277	11,642	135	129	2.79
72.6	**6**	**3433**	19.8	278	18,007	137	128	6
72.2	**10**	**3633**	19.9	280	36,456	141	133	10
75.2	**10**	**3533**	19.1	268	24,850	139		
84.4	**0.83**	**3133**	17	240	2,569	131		
84.9	**1.80**	**3233**	16.9	238	6,610	133	150	1.57
79.4	**3.16**	**3333**	18.1	255	11,743	135	140	2.99
81.5	**6**	**3433**	17.6	248	18,003	137	144	6
83.2	**12**	**3533**	17.2	242	24,075	139	147	11
81.7	**12**	**3633**	17.6	247	36,547	141		
89.5	**0.88**	**3133**	16	226	2,973	131	158	0.81
90.7	**1.89**	**3233**	15.8	223	6,516	133	160	1.64
89.4	**3.56**	**3333**	16.1	226	11,859	135	158	3.26
91.0	**7**	**3433**	15.8	222	17,989	137	161	7
90.6	**13**	**3633**	15.8	223	36,616	141		
101	**0.99**	**3133**	14.2	200	3,675	131	178	0.88
105	**2.09**	**3233**	13.7	194	6,311	133	185	1.80
103	**4**	**3333**	14	197	11,962	135	181	3.63
106	**8**	**3433**	13.5	190	17,959	137	188	7
102	**17**	**3633**	14.1	199	36,684	141		
115	**1.10**	**3133**	12.4	175	4,134	131	204	0.96
119	**2.27**	**3233**	12	170	6,123	133	211	1.96
113	**5**	**3333**	12.7	178	12,019	135	200	3.97
111	**19**	**3633**	13	183	36,728	141		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
2.2 kW - 50 Hz		*LSES 100 L IFT/IE2 - LSES 100 LR IFT/IE3 LS 100 L FFB2 IFT/NIE - LSES 100 LR FFB2 IFT/IE3*					**3.83 kW - 87 Hz***	
131	**1.21**	**3133**	10.9	154	4,051	131	232	1.05
132	**2.44**	**3233**	10.9	153	5,977	133	233	2.10
130	**5**	**3333**	11	156	12,079	135	230	4
148	**1.32**	**3133**	9.67	136	3,965	131	262	1.14
149	**2.63**	**3233**	9.62	136	5,794	133	263	2.27
144	**2.91**	**3333**	9.95	140	11,861	135	255	2.98
167	**1.42**	**3133**	8.57	121	3,872	131	296	1.23
159	**2.75**	**3233**	9.02	127	5,702	133	281	2.38
158	**6**	**3333**	9.06	128	11,573	135	280	5
189	**1.54**	**3133**	7.57	107	3,775	131	335	1.33
177	**2.68**	**3431**	8.1	115	7,248	121	313	2.67
188	**3.06**	**3233**	7.63	108	5,456	133	332	2.64
176	**3.56**	**3333**	8.14	115	11,160	135	312	3.64
179	**5**	**3531**	8	114	7,459	123	317	5
196	**1.37**	**3133**	7.34	104	3,686	131	345	1.34
206	**2.54**	**3233**	6.96	98	5,253	133	364	2.60
210	**3.36**	**3431**	6.83	97	6,876	121	371	3.34
202	**4**	**3333**	7.09	100	10,701	135	358	4
209	**6**	**3531**	6.87	98	7,107	123	369	5
209	**10**	**3433**	6.86	97	16,664	137	370	9.49
223	**1.56**	**3133**	6.42	91	3,586	131	395	1.44
227	**1.66**	**3331**	6.33	90	4,215	119	400	1.70
235	**2.90**	**3233**	6.1	86	5,075	133	415	2.96
233	**3.75**	**3431**	6.15	88	6,654	121	412	3.79
224	**5**	**3333**	6.41	90	10,380	135	395	5
227	**6**	**3531**	6.31	90	6,921	123	402	6
251	**0.98**	**3231**	5.71	81	1,985	117	444	1.00
254	**1.75**	**3133**	5.65	80	3,488	131	449	1.50
261	**1.91**	**3331**	5.5	78	4,046	119	461	1.95
260	**3.21**	**3233**	5.51	78	4,936	133	460	3.24
258	**4**	**3431**	5.57	79	6,452	121	455	4
257	**5**	**3333**	5.59	79	9,945	135	454	5
261	**7**	**3531**	5.5	78	6,625	123	461	7
294	**1.15**	**3231**	4.88	69	1,916	117	520	1.18
287	**1.84**	**3133**	4.99	70	3,396	131	508	1.56
295	**2.16**	**3331**	4.87	69	3,902	119	521	2.14
294	**3.63**	**3233**	4.88	69	4,773	133	520	3.55
280	**4**	**3431**	5.13	73	6,287	121	494	5
296	**8**	**3531**	4.85	69	6,363	123	523	8
331	**1.30**	**3231**	4.33	62	1,859	117	585	1.32
324	**1.90**	**3133**	4.43	62	3,300	131	572	1.61
321	**2.35**	**3331**	4.47	64	3,803	119	567	2.20
314	**3.87**	**3233**	4.57	65	4,686	133	554	3.74
325	**5**	**3431**	4.41	63	5,992	121	575	5
313	**6**	**3333**	4.59	65	9,353	135	552	6
330	**9**	**3531**	4.35	62	6,146	123	582	8

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
2.2 kW - 50 Hz		*LSES 100 L IFT/IE2 - LSES 100 LR IFT/IE3 LS 100 L FFB2 IFT/NIE - LSES 100 LR FFB2 IFT/IE3*					**3.83 kW - 87 Hz***	
365	**0.89**	**3131**	3.93	56	23	115	645	0.91
368	**1.44**	**3231**	3.89	56	1,810	117	651	1.47
367	**2.11**	**3133**	3.91	55	3,198	131	648	1.79
363	**2.66**	**3331**	3.95	56	3,666	119	641	2.42
371	**5**	**3233**	3.87	55	4,471	133	655	4
349	**6**	**3431**	4.11	59	5,858	121	617	6
370	**10**	**3531**	3.88	55	5,920	123	654	9
417	**1.02**	**3131**	3.44	49	322	115	737	1.04
419	**1.64**	**3231**	3.43	49	1,754	117	739	1.67
387	**2.17**	**3133**	3.71	52	3,157	131	683	1.84
407	**2.92**	**3331**	3.52	50	3,538	119	720	2.51
399	**6**	**3431**	3.6	51	5,618	121	704	7
404	**11**	**3531**	3.55	50	5,752	123	714	9
442	**1.08**	**3131**	3.25	46	455	115	780	1.1
465	**1.82**	**3231**	3.09	44	1,707	117	821	1.86
454	**3.06**	**3331**	3.16	45	3,422	119	802	2.59
451	**7**	**3431**	3.18	45	5,400	121	797	7
468	**11**	**3531**	3.07	44	5,489	123	826	10
524	**1.28**	**3131**	2.74	39	722	115	926	1.29
528	**2.06**	**3231**	2.72	39	1,649	117	932	2.11
493	**3.58**	**3331**	2.91	41	3,337	119	871	3.08
506	**8**	**3431**	2.83	40	5,202	121	895	8
517	**12**	**3531**	2.77	39	5,310	123	914	10
556	**1.36**	**3131**	2.58	37	789	115	983	1.29
564	**2.2**	**3231**	2.55	36	1,622	117	996	2.26
555	**4**	**3331**	2.58	37	3,213	119	981	3.58
565	**9**	**3431**	2.54	36	5,020	121	999	9
628	**1.53**	**3131**	2.29	33	926	115	1109	1.38
650	**2.54**	**3231**	2.21	31	1,560	117	1148	2.47
638	**4**	**3331**	2.25	32	3,078	119	1127	3.50
661	**10**	**3431**	2.17	31	4,773	121	1167	9
718	**1.69**	**3131**	2	29	997	115	1268	1.45
741	**2.90**	**3231**	1.94	28	1,497	117	1308	2.67
705	**4**	**3331**	2.04	29	2,982	119	1245	3.68
815	**1.79**	**3131**	1.76	25	995	115	1440	1.52
820	**3.16**	**3231**	1.75	25	1,454	117	1449	2.71
809	**4**	**3331**	1.77	25	2,856	119	1429	3.47
923	**1.86**	**3131**	1.56	22	982	115	1630	1.58
927	**3.43**	**3231**	1.55	22	1,404	117	1637	2.92
1040	**1.93**	**3131**	1.38	20	959	115	1838	1.63
989	**3.35**	**3231**	1.45	21	1,373	117	1746	2.84
985	**4**	**3331**	1.46	21	2,678	119	1740	3.52
1177	**2.07**	**3131**	1.22	17	951	115	2080	1.75
1168	**3.62**	**3231**	1.23	18	1,303	117	2063	3.07
1136	**4**	**3331**	1.26	18	2,559	119	2007	3.70
1241	**2.13**	**3131**	1.16	16	944	115	2192	1.81

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
3 kW - 50 Hz		*LSES 100 LR IFT/IE2 - LSES 100 LG IFT/IE3 LS 100 L FFB3 IFT/NIE - LSES 100 LG FFB3 IFT/IE3*					**5.22 kW - 87 Hz***	
1.46	**0.81**	**3835**	983	18339	36,816	147		
1.73	**0.95**	**3835**	829	15471	41,167	147		
1.92	**1.06**	**3835**	747	13932	43,119	147		
2.12	**1.17**	**3835**	676	12614	44,579	147		
2.36	**0.85**	**3735**	608	11350	22,371	147		
2.30	**1.27**	**3835**	623	11622	45,548	147		
2.63	**0.95**	**3735**	546	10201	25,079	147		
2.68	**1.48**	**3835**	535	9988	46,901	147		
2.98	**1.08**	**3735**	481	8980	27,957	147		
2.88	**1.59**	**3835**	499	9308	47,376	147		
3.31	**1.20**	**3735**	433	8085	30,066	147		
3.28	**1.81**	**3835**	437	8151	48,064	147		
3.76	**1.36**	**3735**	381	7124	32,331	147		
3.72	**2.05**	**3835**	386	7204	48,514	147		
4.02	**1.45**	**3735**	357	6667	33,409	147		
4.17	**2.30**	**3835**	344	6415	48,812	147		
4.63	**1.68**	**3735**	310	5784	35,490	147		
4.66	**2.57**	**3835**	308	5747	49,009	147		
5.12	**0.82**	**3635**	280	5238	22,515	147		
5.28	**1.91**	**3735**	272	5075	37,163	147		
5.44	**3.00**	**3835**	264	4918	49,184	147		
5.70	**0.92**	**3633**	252	4794	23,763	141		
5.89	**2.18**	**3733**	244	4633	38,203	143		
6.64	**1.07**	**3633**	216	4114	25,673	141		
6.62	**2.45**	**3733**	217	4124	39,405	143		
7.13	**0.81**	**3533**	201	3832	9,409	139	12.6	0.82
7.22	**1.17**	**3633**	199	3782	26,606	141		
7.25	**2.68**	**3733**	198	3761	40,259	143		
8.30	**0.94**	**3533**	173	3289	12,838	139	14.7	0.95
8.29	**1.34**	**3633**	173	3296	27,975	141		
8.20	**3.04**	**3733**	175	3325	41,286	143		
9.03	**1.02**	**3533**	159	3023	14,517	139	16.0	1.03
9.40	**1.52**	**3633**	153	2906	29,071	141		
9.11	**3.37**	**3733**	158	2996	42,063	143		
10.4	**1.17**	**3533**	138	2634	16,973	139	18.3	1.18
10.5	**1.69**	**3633**	137	2608	29,908	141		
10.2	**3.78**	**3733**	141	2671	42,828	143		
11.8	**1.32**	**3533**	122	2323	18,937	139	20.8	1.30
11.8	**1.89**	**3633**	122	2322	30,713	141		
11.1	**4**	**3733**	129	2457	43,334	143		
13.1	**1.47**	**3533**	110	2085	20,440	139	23.1	1.41
12.8	**2.06**	**3633**	112	2127	31,261	141		
13.9	**0.82**	**3433**	104	1972	3,369	137	24.5	0.82
14.7	**1.65**	**3533**	97.5	1856	21,886	139	26.0	1.53
14.9	**2.38**	**3633**	96.6	1839	32,071	141		
15.8	**0.93**	**3433**	90.7	1727	6,775	137	28.0	0.94
16.1	**1.79**	**3533**	89.3	1700	22,871	139	28.4	1.62
16.4	**2.62**	**3633**	87.3	1662	32,568	141		
17.9	**1.05**	**3433**	80.1	1527	9,349	137	31.6	1.06
18.6	**2.07**	**3533**	77.2	1470	24,324	139	32.8	1.79

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
3 kW - 50 Hz		*LSES 100 LR IFT/IE2 - LSES 100 LG IFT/IE3 LS 100 L FFB3 IFT/NIE - LSES 100 LG FFB3 IFT/IE3*					**5.22 kW - 87 Hz***	
20.1	**1.18**	**3433**	71.4	1359	11,311	137	35.5	1.19
20.6	**2.21**	**3533**	69.8	1329	25,214	139	36.3	1.88
22.5	**1.31**	**3433**	63.9	1218	12,818	137	39.7	1.32
26.2	**1.53**	**3433**	54.7	1042	14,467	137	46.3	1.54
27.6	**0.84**	**3333**	52.1	994	3,133	135	48.7	0.85
28.5	**1.64**	**3433**	50.3	969	15,076	137	50.4	1.65
28.9	**3.15**	**3533**	49.7	956	25,867	139	51.0	3.16
29.9	**5**	**3633**	48.1	924	34,644	141		
31.6	**0.96**	**3333**	45.4	866	5,391	135	55.8	0.97
33.8	**1.94**	**3433**	42.5	817	16,171	137	59.7	1.94
33.6	**3.66**	**3533**	42.7	821	25,857	139	59.4	3.66
33.6	**5**	**3633**	42.8	822	34,930	141		
36.5	**1.06**	**3333**	39.4	759	7,043	135	64.4	1.08
37.5	**2.15**	**3433**	38.2	736	16,663	137	66.3	2.15
36.6	**3.97**	**3533**	39.2	754	25,854	139	64.6	3.97
36.8	**6**	**3633**	39	750	35,133	141		
42.0	**1.22**	**3333**	34.2	659	8,372	135	74.2	1.25
41.5	**2.37**	**3433**	34.6	666	17,027	137	73.2	2.37
42.0	**5**	**3533**	34.2	657	25,856	139	74.2	5
41.6	**6**	**3633**	34.5	663	35,377	141		
47.5	**1.38**	**3333**	30.2	583	9,251	135	83.8	1.41
45.0	**2.56**	**3433**	31.9	614	17,266	137	79.5	2.56
47.6	**5**	**3533**	30.1	580	25,867	139	84.1	5
46.2	**7**	**3633**	31.1	597	35,562	141		
53.3	**0.87**	**3233**	26.9	519	1,689	133	94.1	0.83
51.6	**1.50**	**3333**	27.8	536	9,740	135	91.2	1.53
52.3	**2.97**	**3433**	27.4	528	17,590	137	92.5	2.97
53.1	**6**	**3533**	27.1	520	25,883	139	93.7	6
51.8	**8**	**3633**	27.7	533	35,744	141		
59.3	**0.96**	**3233**	24.2	466	2,555	133	105	0.90
58.4	**1.70**	**3333**	24.6	473	10,320	135	103	1.72
56.2	**3.18**	**3433**	25.5	492	17,698	137	99.2	3.17
59.6	**6**	**3533**	24.1	463	25,907	139	105	6
56.3	**8**	**3633**	25.5	490	35,864	141		
67.4	**1.09**	**3233**	21.3	411	3,663	133	119	0.98
65.6	**1.91**	**3333**	21.9	422	10,741	135	116	1.88
64.1	**3.61**	**3433**	22.4	431	17,846	137	113	3.61
65.8	**5**	**3633**	21.8	419	36,064	141	115	7
65.1	**7**	**3533**	22.1	424	25,689	139		
74.8	**1.20**	**3233**	19.2	370	4,540	133	132	1.05
73.1	**2.13**	**3333**	19.6	378	11,054	135	129	2.04
72.6	**4**	**3433**	19.8	381	17,933	137	128	4.02
72.2	**7**	**3633**	19.9	382	36,167	141	133	7.24
75.2	**8**	**3533**	19.1	367	24,575	139		
84.9	**1.32**	**3233**	16.9	326	5,494	133	150	1.14
79.4	**2.31**	**3333**	18.1	348	11,249	135	140	2.18
81.5	**5**	**3433**	17.6	339	17,980	137	144	4
83.2	**9**	**3533**	17.2	332	23,825	139	147	8
81.7	**9**	**3633**	17.6	338	36,292	141		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
3 kW - 50 Hz		*LSES 100 LR IFT/IE2 - LSES 100 LG IFT/IE3 LS 100 L FFB3 IFT/NIE - LSES 100 LG FFB3 IFT/IE3*					**5.22 kW - 87 Hz***	
90.7	**1.38**	**3233**	15.8	305	5,900	133	160	1.20
89.4	**2.60**	**3333**	16.1	309	11,476	135	158	2.38
91.0	**5**	**3433**	15.8	304	18,002	137	161	5
90.6	**10**	**3633**	15.8	304	36,386	141		
105	**1.53**	**3233**	13.7	264	5,950	133	185	1.32
103	**2.99**	**3333**	14	269	11,678	135	181	2.65
106	**6**	**3433**	13.5	260	18,006	137	188	5.34
102	**12**	**3633**	14.1	271	36,479	141		
115	**0.81**	**3133**	12.4	240	2,582	131		
119	**1.66**	**3233**	12	232	5,803	133	211	1.43
113	**3.29**	**3333**	12.7	244	11,790	135	200	2.90
111	**14**	**3633**	13	250	36,540	141		
131	**0.88**	**3133**	10.9	211	3,399	131		
132	**1.78**	**3233**	10.9	210	5,683	133	233	1.53
130	**3.59**	**3333**	11	212	11,910	135	230	3.11
148	**0.96**	**3133**	9.67	186	3,638	131	262	0.83
149	**1.93**	**3233**	9.62	185	5,541	133	263	1.66
144	**2.13**	**3333**	9.95	192	11,633	135	255	2.17
167	**1.04**	**3133**	8.57	165	3,584	131	296	0.90
159	**2.02**	**3233**	9.02	174	5,460	133	281	1.73
158	**4**	**3333**	9.06	175	11,385	135	280	3.63
189	**1.13**	**3133**	7.57	146	3,520	131	335	0.97
177	**1.96**	**3431**	8.1	158	7,122	121	332	1.93
188	**2.24**	**3233**	7.63	147	5,255	133	313	1.94
176	**2.60**	**3333**	8.14	157	10,976	135	312	2.66
179	**3.57**	**3531**	8	155	7,367	123	317	3.53
196	**1.00**	**3133**	7.34	141	3,422	131	345	0.98
206	**1.86**	**3233**	6.96	134	5,041	133	364	1.90
210	**2.46**	**3431**	6.83	133	6,769	121	371	2.43
202	**2.99**	**3333**	7.09	137	10,539	135	358	3.05
209	**4**	**3531**	6.87	133	7,028	123	369	3.98
209	**7**	**3433**	6.86	132	16,529	137	370	7
223	**1.14**	**3133**	6.42	124	3,350	131	395	1.05
227	**1.22**	**3331**	6.33	123	4,085	119	400	1.24
235	**2.12**	**3233**	6.1	118	4,887	133	415	2.16
233	**2.74**	**3431**	6.15	120	6,557	121	412	2.77
224	**3.31**	**3333**	6.41	124	10,230	135	395	3.37
227	**5**	**3531**	6.31	123	6,845	123	402	5
254	**1.28**	**3133**	5.65	109	3,281	131	449	1.1
261	**1.40**	**3331**	5.5	107	3,929	119	461	1.42
260	**2.35**	**3233**	5.51	106	4,771	133	460	2.36
258	**3.03**	**3431**	5.57	108	6,363	121	455	3.09
257	**3.79**	**3333**	5.59	108	9,818	135	454	3.87
261	**5**	**3531**	5.5	107	6,557	123	461	5
294	**0.84**	**3231**	4.88	95	1,769	117	520	0.86
287	**1.35**	**3133**	4.99	96	3,210	131	508	1.14
295	**1.58**	**3331**	4.87	95	3,795	119	521	1.56
294	**2.65**	**3233**	4.88	94	4,626	133	520	2.59
280	**3.29**	**3431**	5.13	100	6,203	121	494	3.35
296	**6**	**3531**	4.85	94	6,304	123	523	6

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
3 kW - 50 Hz		*LSES 100 LR IFT/IE2 - LSES 100 LG IFT/IE3 LS 100 L FFB3 IFT/NIE - LSES 100 LG FFB3 IFT/IE3*					**5.22 kW - 87 Hz***	
331	**0.95**	**3231**	4.33	84	1,733	117	585	0.97
324	**1.39**	**3133**	4.43	85	3,135	131	572	1.17
321	**1.72**	**3331**	4.47	87	3,707	119	567	1.61
314	**2.83**	**3233**	4.57	88	4,551	133	554	2.73
325	**3.82**	**3431**	4.41	86	5,918	121	575	3.85
313	**5**	**3333**	4.59	88	9,252	135	552	5
330	**7**	**3531**	4.35	85	6,089	123	582	6
368	**1.05**	**3231**	3.89	76	1,692	117	651	1.08
367	**1.55**	**3133**	3.91	75	3,056	131	648	1.31
363	**1.95**	**3331**	3.95	77	3,577	119	641	1.76
371	**3.34**	**3233**	3.87	75	4,353	133	655	3.01
349	**4**	**3431**	4.11	80	5,791	121	617	4
370	**7**	**3531**	3.88	75	5,871	123	654	6
419	**1.20**	**3231**	3.43	67	1,645	117	739	1.22
387	**1.59**	**3133**	3.71	72	3,014	131	683	1.34
407	**2.14**	**3331**	3.52	69	3,456	119	720	1.83
399	**5**	**3431**	3.6	70	5,555	121	704	5
404	**8**	**3531**	3.55	69	5,702	123	714	7
442	**0.79**	**3131**	3.25	63	25	115	780	0.81
465	**1.33**	**3231**	3.09	60	1,608	117	821	1.36
454	**2.24**	**3331**	3.16	62	3,346	119	802	1.89
451	**5**	**3431**	3.18	62	5,342	121	797	5
468	**8**	**3531**	3.07	60	5,447	123	826	7
524	**0.94**	**3131**	2.74	53	50	115	926	0.94
528	**1.51**	**3231**	2.72	53	1,559	117	932	1.54
493	**2.62**	**3331**	2.91	57	3,264	119	871	2.24
506	**6**	**3431**	2.83	55	5,150	121	895	6
517	**9**	**3531**	2.77	54	5,268	123	914	8
556	**1.00**	**3131**	2.58	50	80	115	983	0.94
564	**1.61**	**3231**	2.55	50	1,531	117	996	1.65
555	**2.98**	**3331**	2.58	50	3,152	119	981	2.61
565	**6**	**3431**	2.54	49	4,973	121	999	6
628	**1.12**	**3131**	2.29	45	134	115	1109	1.01
650	**1.86**	**3231**	2.21	43	1,478	117	1148	1.80
638	**3.02**	**3331**	2.25	44	3,020	119	1127	2.55
661	**7**	**3431**	2.17	42	4,730	121	1167	7
718	**1.24**	**3131**	2	39	395	115	1268	1.06
741	**2.12**	**3231**	1.94	38	1,426	117	1308	1.95
705	**3.18**	**3331**	2.04	40	2,927	119	1245	2.68
815	**1.31**	**3131**	1.76	34	601	115	1440	1.11
820	**2.31**	**3231**	1.75	34	1,389	117	1449	1.98
809	**3.00**	**3331**	1.77	35	2,803	119	1429	2.53
923	**1.36**	**3131**	1.56	30	750	115	1630	1.15
927	**2.51**	**3231**	1.55	30	1,342	117	1637	2.13
1040	**1.41**	**3131**	1.38	27	841	115	1838	1.19
989	**2.45**	**3231**	1.45	28	1,319	117	1746	2.07
985	**3.04**	**3331**	1.46	28	2,639	119	1740	2.57
1177	**1.51**	**3131**	1.22	24	854	115	2080	1.28
1168	**2.65**	**3231**	1.23	24	1,253	117	2063	2.24
1136	**3.20**	**3331**	1.26	25	2,516	119	2007	2.70
1241	**1.56**	**3131**	1.16	23	847	115	2192	1.32

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
4 kW - 50 Hz		*LSES 112 MU IFT/IE2 - LSES 112 MU IFT/IE3 LS 112 MG FFB3 IFT/NIE - LSES 112 MU FFB3 IFT/IE3*					**6.96 kW - 87 Hz***	
1.91	**0.79**	**3835**	747	18670	36,253	147		
2.11	**0.87**	**3835**	676	16903	39,110	147		
2.30	**0.95**	**3835**	623	15574	41,027	147		
2.67	**1.10**	**3835**	535	13385	43,749	147		
2.97	**0.81**	**3735**	481	12030	20,768	147		
2.87	**1.18**	**3835**	499	12473	44,723	147		
3.30	**0.89**	**3735**	433	10831	23,593	147		
3.27	**1.35**	**3835**	437	10922	46,165	147		
3.75	**1.02**	**3735**	381	9544	26,628	147		
3.70	**1.53**	**3835**	386	9653	47,142	147		
4.01	**1.09**	**3735**	357	8931	28,072	147		
4.16	**1.72**	**3835**	344	8596	47,817	147		
4.62	**1.25**	**3735**	310	7749	30,860	147		
4.64	**1.92**	**3835**	308	7701	48,290	147		
5.26	**1.43**	**3735**	272	6798	33,100	147		
5.42	**2.24**	**3835**	264	6591	48,751	147		
5.87	**1.63**	**3733**	244	6212	34,481	143		
5.99	**2.47**	**3835**	239	5970	48,949	147		
6.61	**0.80**	**3633**	216	5515	21,735	141		
6.59	**1.83**	**3733**	217	5529	36,093	143		
7.19	**0.87**	**3633**	199	5070	22,986	141		
7.23	**2.00**	**3733**	198	5043	37,238	143		
6.79	**2.81**	**3835**	211	5265	49,120	147		
8.26	**1.00**	**3633**	173	4417	24,821	141		
8.18	**2.27**	**3733**	175	4458	38,616	143		
9.36	**1.13**	**3633**	153	3895	26,289	141		
9.07	**2.51**	**3733**	158	4017	39,657	143		
10.3	**0.87**	**3533**	138	3531	11,309	139	18.3	0.87
10.4	**1.26**	**3633**	137	3496	27,412	141		
10.2	**2.82**	**3733**	141	3581	40,683	143		
11.7	**0.99**	**3533**	122	3114	13,943	139	20.8	0.97
11.7	**1.41**	**3633**	122	3112	28,491	141		
11.1	**3.06**	**3733**	129	3294	41,361	143		
13.1	**1.10**	**3533**	110	2795	15,957	139	23.1	1.05
12.8	**1.54**	**3633**	112	2851	29,225	141		
12.9	**3.56**	**3733**	111	2825	42,465	143		
14.7	**1.23**	**3533**	97.5	2488	17,895	139	26.0	1.13
14.8	**1.77**	**3633**	96.6	2465	30,311	141		
14.1	**3.87**	**3733**	102	2591	43,017	143		
16.0	**1.34**	**3533**	89.3	2279	19,215	139	28.4	1.20
16.4	**1.96**	**3633**	87.3	2228	30,977	141		
15.9	**4**	**3733**	89.9	2292	43,723	143		
17.9	**0.79**	**3433**	80.1	2046	2,309	137	31.6	0.79
18.5	**1.54**	**3533**	77.2	1970	21,166	139	32.8	1.33
18.6	**2.22**	**3633**	76.9	1961	31,729	141		
18.6	**5**	**3733**	76.8	1957	44,512	143		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
4 kW - 50 Hz		*LSES 112 MU IFT/IE2 - LSES 112 MU IFT/IE3 LS 112 MG FFB3 IFT/NIE - LSES 112 MU FFB3 IFT/IE3*					**6.96 kW - 87 Hz***	
20.0	**0.88**	**3433**	71.4	1822	5,494	137	35.5	0.88
20.5	**1.65**	**3533**	69.8	1781	22,360	139	36.3	1.40
20.2	**2.40**	**3633**	70.8	1807	32,161	141		
20.9	**5**	**3733**	68.3	1740	45,022	143		
22.4	**0.98**	**3433**	63.9	1632	8,023	137	39.7	0.98
23.3	**1.80**	**3533**	61.4	1567	23,711	139	41.3	1.51
22.7	**2.70**	**3633**	63	1606	32,725	141		
26.1	**1.14**	**3433**	54.7	1397	10,889	137	46.3	1.14
25.3	**1.89**	**3533**	56.6	1444	24,488	139	44.8	1.58
25.4	**3.01**	**3633**	56.2	1434	33,209	141		
28.9	**1.26**	**3433**	49.6	1265	12,332	137	51.2	1.25
28.8	**2.35**	**3533**	49.7	1281	25,517	139	51.0	2.34
29.8	**3.37**	**3633**	48.1	1239	33,759	141		
29.8	**5.05**	**3733**	48	1237	46,209	143		
32.7	**1.42**	**3433**	43.7	1116	13,809	137	58.0	1.42
33.5	**2.73**	**3533**	42.7	1100	25,867	139	59.4	2.72
33.4	**3.70**	**3633**	42.8	1102	34,142	141		
33.3	**6**	**3733**	43	1107	46,514	143		
34.8	**0.79**	**3333**	41.1	1050	2,030	135	61.7	0.79
37.4	**1.60**	**3433**	38.2	986	14,935	137	66.3	1.60
36.5	**2.96**	**3533**	39.2	1011	25,869	139	64.6	2.95
36.7	**4**	**3633**	39	1006	34,415	141		
35.6	**7**	**3733**	40.2	1035	46,686	143		
38.4	**0.87**	**3333**	37.3	953	3,891	135	68.0	0.87
41.3	**1.77**	**3433**	34.6	893	15,652	137	73.2	1.76
41.8	**3.38**	**3533**	34.2	881	25,862	139	74.2	3.36
41.5	**5**	**3633**	34.5	889	34,742	141		
39.8	**9**	**3733**	36	926	46,941	143		
47.3	**1.03**	**3333**	30.2	781	6,719	135	83.8	1.05
44.8	**1.91**	**3433**	31.9	823	16,136	137	79.5	1.90
47.5	**3.82**	**3533**	30.1	777	25,800	139	84.1	3.79
46.0	**5**	**3633**	31.1	801	34,990	141		
44.9	**11**	**3733**	31.8	821	47,191	143		
51.4	**1.12**	**3333**	27.8	718	7,609	135	91.2	1.14
52.2	**2.21**	**3433**	27.4	707	16,821	137	92.5	2.20
52.9	**4**	**3533**	27.1	697	25,854	139	93.7	4
51.6	**6**	**3633**	27.7	714	35,234	141		
50.3	**12**	**3733**	28.4	732	47,400	143		
58.2	**1.27**	**3333**	24.6	634	8,670	135	103	1.28
56.0	**2.37**	**3433**	25.5	659	17,063	137	99.2	2.35
59.4	**5**	**3533**	24.1	621	25,860	139	105	5
56.1	**6**	**3633**	25.5	657	35,395	141		
56.8	**13**	**3733**	25.2	649	47,595	143		
67.1	**0.81**	**3233**	21.3	550	1,291	133		
65.3	**1.43**	**3333**	21.9	565	9,441	135	116	1.40
63.9	**2.70**	**3433**	22.4	577	17,415	137	113	2.67
64.8	**5**	**3533**	22.1	569	25,317	139	115	5
65.4	**7**	**3633**	21.9	563	35,658	141		
63.4	**15**	**3733**	22.6	581	47,754	143		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
4 kW - 50 Hz		*LSES 112 MU IFT/IE2 - LSES 112 MU IFT/IE3 LS 112 MG FFB3 IFT/NIE - LSES 112 MU FFB3 IFT/IE3*					**6.96 kW - 87 Hz***	
74.5	**0.90**	**3233**	19.2	495	2,053	133		
72.8	**1.59**	**3333**	19.6	507	10,017	135	129	1.51
72.3	**3.04**	**3433**	19.8	510	17,645	137	128	2.98
75.0	**6**	**3533**	19.1	492	24,257	139	133	5
71.3	**8**	**3633**	20	517	35,789	141		
71.1	**16**	**3733**	20.1	518	47,903	143		
84.6	**0.99**	**3233**	16.9	436	3,134	133	150	0.85
79.1	**1.73**	**3333**	18.1	467	10,377	135	140	1.62
81.2	**3.4**	**3433**	17.6	454	17,795	137	144	3.26
83.0	**7**	**3533**	17.2	444	23,540	139	147	6
80.7	**9**	**3633**	17.7	457	35,957	141		
80	**18**	**3733**	17.8	459	48,042	143		
90	**1.03**	**3233**	15.8	408	3,710	133	160	0.89
89	**1.94**	**3333**	16.1	414	10,796	135	158	1.76
91	**3.78**	**3433**	15.8	407	17,891	137	161	3.56
94	**7**	**3533**	15.2	391	22,656	139	167	6
94	**10**	**3633**	15.1	390	36,145	141		
91	**20**	**3733**	15.7	404	48,172	143		
104	**1.14**	**3233**	13.7	354	4,876	133	185	0.98
102	**2.23**	**3333**	14	361	11,170	135	181	1.96
106	**4**	**3433**	13.5	348	17,971	137	188	3.96
102	**8**	**3533**	14	360	22,105	139	181	7
106	**11**	**3633**	13.5	347	36,266	141		
104	**23**	**3733**	13.8	356	48,286	143		
113	**2.46**	**3333**	12.7	327	11,380	135	200	2.15
117	**5**	**3433**	12.2	315	17,996	137	207	4
115	**8**	**3533**	12.4	320	21,326	139	204	7
110	**10**	**3633**	13	335	36,301	141		
117	**25**	**3733**	12.2	314	48,385	143		
130	**2.69**	**3333**	11	285	11,605	135	230	2.31
133	**5**	**3433**	10.8	278	18,007	137	235	5
129	**9**	**3533**	11.1	286	20,598	139	228	8
128	**11**	**3633**	11.1	287	36,435	141		
129	**27**	**3733**	11	285	48,454	143		
149	**1.44**	**3233**	9.62	248	5,224	133	263	1.23
143	**2.94**	**3333**	9.98	258	11,464	135	254	2.52
148	**5.76**	**3433**	9.67	249	18,003	137	262	5
140	**11.9**	**3633**	10.2	263	36,502	141		
148	**30.8**	**3733**	9.64	248	48,539	143		
159	**1.51**	**3233**	9.02	233	5,163	133	281	1.29
158	**3.15**	**3333**	9.06	234	11,162	135	280	2.69
166	**6.2**	**3433**	8.6	222	17,644	137	295	5
158	**13.0**	**3633**	9.03	233	36,587	141		
166	**34.0**	**3733**	8.62	222	48,601	143		
187	**1.67**	**3233**	7.63	197	5,004	133	332	1.43
179	**2.67**	**3531**	8	208	7,258	123	317	2.62
182	**3.45**	**3333**	7.9	203	10,723	135	323	2.95
186	**6.0**	**3433**	7.69	198	17,050	137	329	6
185	**16.2**	**3633**	7.71	199	36,683	141		
186	**37.6**	**3733**	7.68	198	48,659	143		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
4 kW - 50 Hz		*LSES 112 MU IFT/IE2 - LSES 112 MU IFT/IE3 LS 112 MG FFB3 IFT/NIE - LSES 112 MU FFB3 IFT/IE3*					**6.96 kW - 87 Hz***	
206	**1.39**	**3233**	6.96	180	4,777	133	364	1.41
202	**2.23**	**3333**	7.09	183	10,350	135	358	2.26
208	**3.02**	**3531**	6.87	179	6,932	123	369	2.95
208	**5**	**3433**	6.86	177	16,376	137	370	5
199	**8**	**3533**	7.18	185	17,939	139	353	7
208	**17**	**3633**	6.86	177	36,745	141		
207	**41**	**3733**	6.9	178	48,705	143		
234	**1.58**	**3233**	6.1	158	4,658	133	415	1.60
232	**2.05**	**3431**	6.15	160	6,444	121	412	2.05
223	**2.47**	**3333**	6.41	166	10,059	135	395	2.50
227	**3.41**	**3531**	6.31	164	6,759	123	402	3.35
230	**6**	**3433**	6.21	160	15,888	137	408	5
224	**8**	**3533**	6.38	164	17,290	139	397	8
230	**30**	**3733**	6.21	160	48,748	143		
259	**1.75**	**3233**	5.51	142	4,566	133	460	1.75
257	**2.26**	**3431**	5.57	145	6,258	121	455	2.29
256	**2.83**	**3333**	5.59	144	9,672	135	454	2.87
260	**3.91**	**3531**	5.5	143	6,480	123	461	3.84
261	**6**	**3433**	5.48	141	15,284	137	463	5
251	**9**	**3533**	5.7	147	16,683	139	445	9
254	**33**	**3733**	5.63	145	48,783	143		
294	**1.18**	**3331**	4.87	127	3,484	119	521	1.16
293	**1.98**	**3233**	4.88	126	4,444	133	520	1.92
279	**2.45**	**3431**	5.13	134	6,106	121	494	2.48
283	**3.13**	**3333**	5.06	131	9,393	135	501	3.17
295	**4**	**3531**	4.85	126	6,234	123	523	4
291	**7**	**3433**	4.91	127	14,770	137	516	6
291	**37**	**3733**	4.91	127	48,826	143		
320	**1.29**	**3331**	4.47	117	3,473	119	567	1.19
313	**2.11**	**3233**	4.57	118	4,380	133	554	2.02
324	**2.85**	**3431**	4.41	115	5,834	121	575	2.86
312	**3.45**	**3333**	4.59	119	9,127	135	552	3.49
329	**5**	**3531**	4.35	113	6,029	123	582	5
327	**6**	**3433**	4.37	113	14,244	137	580	6
326	**41**	**3733**	4.39	113	48,858	143		
367	**0.79**	**3231**	3.89	102	1,542	117	651	0.80
362	**1.45**	**3331**	3.95	103	3,458	119	641	1.31
370	**2.50**	**3233**	3.87	100	4,212	133	655	2.23
348	**3.06**	**3431**	4.11	107	5,711	121	617	3.10
359	**3.98**	**3333**	3.98	103	8,749	135	637	4
369	**5**	**3531**	3.88	101	5,812	123	654	5
366	**6**	**3433**	3.91	101	13,753	137	648	6
366	**46**	**3733**	3.91	101	48,887	143		
417	**0.89**	**3231**	3.43	89	1,514	117	739	0.91
406	**1.60**	**3331**	3.52	92	3,361	119	720	1.36
397	**3.50**	**3431**	3.6	94	5,482	121	704	3.54
403	**6**	**3531**	3.55	92	5,648	123	714	5
406	**51**	**3733**	3.52	91	48,911	143		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
4 kW - 50 Hz		*LSES 112 MU IFT/IE2 - LSES 112 MU IFT/IE3 LS 112 MG FFB3 IFT/NIE - LSES 112 MU FFB3 IFT/IE3*					**6.96 kW - 87 Hz***	
463	**0.99**	**3231**	3.09	81	1,480	117	821	1.01
453	**1.67**	**3331**	3.16	82	3,262	119	802	1.40
449	**3.96**	**3431**	3.18	83	5,277	121	797	3.93
466	**6**	**3531**	3.07	80	5,401	123	826	5
464	**58**	**3733**	3.08	79	48,938	143		
526	**1.13**	**3231**	2.72	71	1,445	117	932	1.14
492	**1.95**	**3331**	2.91	76	3,182	119	871	1.67
505	**4**	**3431**	2.83	74	5,089	121	895	4
515	**7**	**3531**	2.77	72	5,224	123	914	6
562	**1.2**	**3231**	2.55	66	1,428	117	996	1.22
554	**2.23**	**3331**	2.58	67	3,076	119	981	1.94
563	**5**	**3431**	2.54	66	4,918	121	999	5
586	**7**	**3531**	2.44	64	5,020	123	1038	6
648	**1.39**	**3231**	2.21	58	1,378	117	1148	1.34
636	**2.26**	**3331**	2.25	59	2,950	119	1127	1.89
658	**5**	**3431**	2.17	57	4,680	121	1167	5
636	**7**	**3531**	2.25	59	4,891	123	1127	6
738	**1.58**	**3231**	1.94	51	1,335	117	1308	1.45
702	**2.37**	**3331**	2.04	53	2,865	119	1245	1.99
727	**6**	**3431**	1.97	51	4,537	121	1288	5
715	**8**	**3531**	2	52	4,710	123	1268	6
817	**1.73**	**3231**	1.75	46	1,302	117	1449	1.47
806	**2.24**	**3331**	1.77	46	2,749	119	1429	1.88
824	**6**	**3431**	1.74	45	4,359	121	1461	5
801	**8**	**3531**	1.79	47	4,539	123	1420	7
924	**1.87**	**3231**	1.55	40	1,266	117	1637	1.58
890	**2.24**	**3331**	1.61	42	2,663	119	1578	1.88
919	**7**	**3431**	1.56	41	4,205	121	1630	6.28
985	**1.83**	**3231**	1.45	38	1,241	117	1746	1.54
981	**2.27**	**3331**	1.46	38	2,585	119	1740	1.91
1033	**6**	**3431**	1.38	36	4,052	121	1831	6
1164	**1.98**	**3231**	1.23	32	1,186	117	2063	1.66
1132	**2.39**	**3331**	1.26	33	2,471	119	2007	2.00
1155	**6**	**3431**	1.24	32	3,909	121	2048	6

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
5.5 kW - 50 Hz		*LSES 132 SU IFT/IE2 - LSES 132 SM IFT/IE3 LS 132 S FFB3 IFT/NIE - LSES 132 SM FFB4 IFT/IE3*					**9.57 kW - 87 Hz***	
2.71	**0.81**	**3835**	535	18172	37,094	147		
2.91	**0.87**	**3835**	499	16933	39,064	147		
3.32	**1.00**	**3835**	437	14828	42,015	147		
3.75	**1.13**	**3835**	386	13106	44,057	147		
4.06	**0.80**	**3735**	357	12123	20,550	147		
4.22	**1.27**	**3835**	344	11670	45,503	147		
4.68	**0.92**	**3735**	310	10517	24,334	147		
4.71	**1.41**	**3835**	308	10456	46,545	147		
5.34	**1.05**	**3735**	272	9227	27,374	147		
5.50	**1.65**	**3835**	264	8948	47,606	147		
5.95	**1.20**	**3733**	244	8437	29,237	143		
6.07	**1.82**	**3835**	239	8105	48,088	147		
6.69	**1.34**	**3733**	217	7509	31,425	143		
7.33	**1.47**	**3733**	198	6849	32,980	143		
6.88	**2.07**	**3835**	211	7148	48,538	147		
8.29	**1.67**	**3733**	175	6055	34,852	143		
9.50	**0.83**	**3633**	153	5289	22,369	141		
9.20	**1.85**	**3733**	158	5455	36,266	143		
10.6	**0.93**	**3633**	137	4747	23,893	141		
10.3	**2.08**	**3733**	141	4864	37,659	143		
11.9	**1.04**	**3633**	122	4226	25,359	141		
11.2	**2.25**	**3733**	129	4473	38,581	143		
13.2	**0.81**	**3533**	110	3795	9,642	139		
13.0	**1.13**	**3633**	112	3872	26,356	141		
13.1	**2.62**	**3733**	111	3837	40,079	143		
14.9	**0.90**	**3533**	97.5	3378	12,276	139	25.9	0.83
15.0	**1.31**	**3633**	96.6	3347	27,831	141		
14.3	**2.85**	**3733**	102	3519	40,829	143		
16.2	**0.99**	**3533**	89.3	3095	14,063	139	28.3	0.87
16.6	**1.44**	**3633**	87.3	3026	28,735	141		
16.1	**3.21**	**3733**	89.9	3113	41,788	143		
18.8	**1.14**	**3533**	77.2	2675	16,714	139	32.8	0.96
18.9	**1.63**	**3633**	76.9	2662	29,756	141		
18.9	**3.71**	**3733**	76.8	2658	42,860	143		
20.8	**1.21**	**3533**	69.8	2418	18,337	139	36.2	1.02
20.5	**1.77**	**3633**	70.8	2454	30,342	141		
21.2	**4.00**	**3733**	68.3	2364	43,553	143		
23.6	**1.32**	**3533**	61.4	2128	20,168	139	41.2	1.10
23.0	**1.98**	**3633**	63	2181	31,109	141		
26.5	**0.84**	**3433**	54.7	1896	4,454	137	46.2	0.83
25.6	**1.38**	**3533**	56.6	1961	21,223	139	44.7	1.15
25.8	**2.22**	**3633**	56.2	1948	31,766	141		
29.3	**0.93**	**3433**	49.6	1717	6,904	137	51.1	0.91
29.2	**1.73**	**3533**	49.7	1740	22,619	139	50.9	1.70
30.2	**2.48**	**3633**	48.1	1682	32,513	141		
30.2	**3.71**	**3733**	48	1680	45,164	143		
33.2	**1.05**	**3433**	43.7	1515	9,495	137	57.9	1.03
34.0	**2.01**	**3533**	42.7	1493	24,178	139	59.3	1.97
33.9	**2.72**	**3633**	42.8	1497	33,033	141		
33.7	**4**	**3733**	43	1504	45,580	143		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
5.5 kW - 50 Hz		*LSES 132 SU IFT/IE2 - LSES 132 SM IFT/IE3 LS 132 S FFB3 IFT/NIE - LSES 132 SM FFB4 IFT/IE3*					**9.57 kW - 87 Hz***	
37.9	**1.18**	**3433**	38.2	1339	11,534	137	66.2	1.16
37.0	**2.18**	**3533**	39.2	1373	24,936	139	64.5	2.14
37.2	**3.13**	**3633**	39	1365	33,403	141		
36.1	**5**	**3733**	40.2	1405	45,813	143		
41.9	**1.30**	**3433**	34.6	1212	12,872	137	73.1	1.28
42.4	**2.49**	**3533**	34.2	1196	25,854	139	74.0	2.44
42.0	**3.50**	**3633**	34.5	1207	33,848	141		
40.3	**6**	**3733**	36	1258	46,159	143		
45.5	**1.41**	**3433**	31.9	1117	13,796	137	79.3	1.38
48.1	**2.81**	**3533**	30.1	1055	25,869	139	83.9	2.76
46.7	**3.84**	**3633**	31.1	1087	34,184	141		
45.5	**8**	**3733**	31.8	1114	46,498	143		
52.2	**0.83**	**3333**	27.8	974	3,496	135	91.0	0.83
52.9	**1.63**	**3433**	27.4	960	15,146	137	92.3	1.60
53.6	**3.12**	**3533**	27.1	947	25,866	139	93.5	3.04
52.3	**4**	**3633**	27.7	970	34,515	141		
51.0	**9**	**3733**	28.4	994	46,782	143		
59.0	**0.94**	**3333**	24.6	861	5,477	135	103	0.93
56.8	**1.75**	**3433**	25.5	895	15,641	137	99.0	1.71
60.2	**3.50**	**3533**	24.1	843	25,220	139	105	3.34
56.9	**5**	**3633**	25.5	892	34,735	141		
57.6	**10**	**3733**	25.2	881	47,048	143		
66.3	**1.05**	**3333**	21.9	767	6,922	135	116	1.02
64.8	**1.99**	**3433**	22.4	783	16,385	137	113	1.94
65.7	**3.80**	**3533**	22.1	772	24,627	139	115	3.58
66.3	**5**	**3633**	21.9	765	35,091	141		
64.3	**11**	**3733**	22.6	790	47,263	143		
73.8	**1.17**	**3333**	19.6	688	8,001	135	129	1.10
73.3	**2.24**	**3433**	19.8	692	16,898	137	128	2.17
76.0	**4**	**3533**	19.1	667	23,650	139	133	3.90
72.3	**6**	**3633**	20	702	35,269	141		
72.1	**12**	**3733**	20.1	704	47,465	143		
80.2	**1.27**	**3333**	18.1	634	8,677	135	140	1.18
82.4	**2.50**	**3433**	17.6	617	17,255	137	144	2.37
84.1	**5**	**3533**	17.2	603	22,985	139	147	4
81.8	**6**	**3633**	17.7	621	35,497	141		
81.3	**13**	**3733**	17.8	624	47,654	143		
90.3	**1.43**	**3333**	16.1	563	9,467	135	158	1.28
91.9	**2.78**	**3433**	15.8	552	17,506	137	160	2.59
95.6	**5**	**3533**	15.2	531	22,156	139	167	5
95.8	**7**	**3633**	15.1	530	35,752	141		
92.5	**15**	**3733**	15.7	549	47,831	143		
106	**0.84**	**3233**	13.7	481	2,296	133		
104	**1.64**	**3333**	14	490	10,173	135	181	1.43
107	**3.23**	**3433**	13.5	473	17,749	137	187	2.88
104	**6**	**3533**	14	489	21,639	139	181	5
108	**8**	**3633**	13.5	471	35,917	141		
105	**17**	**3733**	13.8	483	47,986	143		
115	**1.81**	**3333**	12.7	443	10,571	135	200	1.56
119	**3.55**	**3433**	12.2	428	17,851	137	207	3.07
117	**6**	**3533**	12.4	435	20,904	139	204	5
112	**8**	**3633**	13	454	35,964	141		
119	**18**	**3733**	12.2	426	48,120	143		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
5.5 kW - 50 Hz		*LSES 132 SU IFT/IE2 - LSES 132 SM IFT/IE3 LS 132 S FFB3 IFT/NIE - LSES 132 SM FFB4 IFT/IE3*					**9.57 kW - 87 Hz***	
132	**1.97**	**3333**	11	386	11,000	135	229	1.68
134	**3.91**	**3433**	10.8	378	17,937	137	235	3.34
131	**7**	**3533**	11.1	388	20,215	139	228	6
130	**8**	**3633**	11.1	390	36,146	141		
131	**20**	**3733**	11	387	48,214	143		
151	**1.06**	**3233**	9.62	337	4,734	133	263	0.89
145	**2.16**	**3333**	9.98	350	11,037	135	253	1.83
150	**4**	**3433**	9.67	339	17,886	137	262	3.59
142	**9**	**3633**	10.2	358	36,237	141		
150	**23**	**3733**	9.64	337	48,329	143		
161	**1.11**	**3233**	9.02	316	4,705	133	280	0.94
160	**2.31**	**3333**	9.06	317	10,772	135	279	1.96
169	**5**	**3433**	8.6	301	17,290	137	294	3.87
161	**10**	**3633**	9.03	316	36,353	141		
168	**25**	**3733**	8.62	302	48,414	143		
190	**1.23**	**3233**	7.63	268	4,610	133	331	1.04
181	**1.96**	**3531**	8	283	7,055	123	316	1.90
185	**2.53**	**3333**	7.85	275	10,380	135	322	2.15
188	**4**	**3433**	7.69	269	16,729	137	329	4
188	**12**	**3633**	7.71	270	36,483	141		
189	**28**	**3733**	7.68	269	48,492	143		
208	**1.02**	**3233**	6.96	244	4,374	133	364	1.02
205	**1.64**	**3333**	7.09	248	10,013	135	357	1.64
211	**2.22**	**3531**	6.87	243	6,753	123	368	2.15
211	**3.90**	**3433**	6.86	240	16,055	137	369	3.73
202	**6**	**3533**	7.18	251	17,653	139	352	5
211	**12**	**3633**	6.86	240	36,567	141		
210	**30**	**3733**	6.9	242	48,555	143		
238	**1.17**	**3233**	6.1	214	4,302	133	415	1.17
236	**1.51**	**3431**	6.15	218	6,237	121	411	1.49
226	**1.82**	**3333**	6.41	225	9,750	135	395	1.82
230	**2.51**	**3531**	6.31	223	6,591	123	401	2.44
233	**4**	**3433**	6.21	218	15,588	137	407	3.98
227	**6**	**3533**	6.38	223	17,029	139	396	6
234	**22**	**3733**	6.21	217	48,613	143		
263	**1.29**	**3233**	5.51	193	4,240	133	459	1.27
260	**1.66**	**3431**	5.57	197	6,067	121	454	1.66
259	**2.09**	**3333**	5.59	196	9,396	135	453	2.09
264	**2.88**	**3531**	5.5	194	6,329	123	460	2.79
265	**4**	**3433**	5.48	192	15,014	137	462	3.88
255	**7**	**3533**	5.7	199	16,445	139	444	6
258	**24**	**3733**	5.6	197	48,660	143		
298	**0.87**	**3331**	4.87	172	2,643	119	520	0.84
297	**1.46**	**3233**	4.88	171	4,155	133	519	1.40
282	**1.81**	**3431**	5.13	182	5,927	121	493	1.81
287	**2.30**	**3333**	5.06	177	9,145	135	500	2.30
299	**3.25**	**3531**	4.85	171	6,097	123	522	3.05
295	**5**	**3433**	4.91	172	14,527	137	515	5
295	**27**	**3733**	4.91	172	48,720	143		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
5.5 kW - 50 Hz		*LSES 132 SU IFT/IE2 - LSES 132 SM IFT/IE3 LS 132 S FFB3 IFT/NIE - LSES 132 SM FFB4 IFT/IE3*					**9.57 kW - 87 Hz***	
324	**0.95**	**3331**	4.47	158	2,695	119	566	0.87
317	**1.56**	**3233**	4.57	160	4,110	133	553	1.47
329	**2.10**	**3431**	4.41	156	5,675	121	573	2.08
316	**2.54**	**3333**	4.59	161	8,898	135	551	2.54
333	**3.64**	**3531**	4.35	154	5,900	123	581	3.27
332	**5**	**3433**	4.37	153	14,023	137	579	5
330	**30**	**3733**	4.39	154	48,763	143		
367	**1.07**	**3331**	3.95	140	2,737	119	640	0.95
375	**1.84**	**3233**	3.87	136	3,978	133	654	1.62
353	**2.26**	**3431**	4.11	145	5,559	121	615	2.25
364	**2.93**	**3333**	3.98	139	8,548	135	636	2.93
374	**3.93**	**3531**	3.88	137	5,694	123	653	3.47
371	**4**	**3433**	3.91	137	13,549	137	647	4
371	**34**	**3733**	3.91	137	48,802	143		
412	**1.18**	**3331**	3.52	125	2,759	119	718	0.99
403	**2.58**	**3431**	3.6	127	5,345	121	703	2.57
408	**4**	**3531**	3.55	126	5,531	123	713	3.62
412	**38**	**3733**	3.52	123	48,835	143		
459	**1.23**	**3331**	3.16	112	2,770	119	801	1.02
456	**2.91**	**3431**	3.18	113	5,149	121	795	2.86
472	**4**	**3531**	3.07	109	5,298	123	824	3.92
470	**42**	**3733**	3.08	108	48,870	143		
533	**0.83**	**3231**	2.72	96	1,125	117	930	0.83
498	**1.44**	**3331**	2.91	103	2,771	119	870	1.21
512	**3.24**	**3431**	2.83	100	4,973	121	893	3.11
523	**5**	**3531**	2.77	98	5,126	123	912	4
570	**0.89**	**3231**	2.55	90	1,162	117	994	0.89
561	**1.64**	**3331**	2.58	91	2,766	119	979	1.41
571	**3.51**	**3431**	2.54	90	4,807	121	997	3.36
594	**5**	**3531**	2.44	86	4,935	123	1036	4
657	**1.02**	**3231**	2.21	78	1,232	117	1146	0.97
644	**1.65**	**3331**	2.25	80	2,715	119	1124	1.38
667	**3.90**	**3431**	2.17	77	4,581	121	1165	3.73
644	**5**	**3531**	2.25	80	4,807	123	1124	4
748	**1.17**	**3231**	1.94	69	1,199	117	1306	1.05
712	**1.74**	**3331**	2.04	72	2,693	119	1243	1.45
737	**4**	**3431**	1.97	70	4,441	121	1286	3.98
725	**6**	**3531**	2	71	4,631	123	1265	5
829	**1.27**	**3231**	1.75	62	1,176	117	1446	1.07
817	**1.64**	**3331**	1.77	63	2,633	119	1426	1.37
836	**4**	**3431**	1.74	61	4,271	121	1458	3.88
812	**6**	**3531**	1.79	63	4,468	123	1417	5
936	**1.38**	**3231**	1.55	55	1,143	117	1634	1.15
903	**1.64**	**3331**	1.61	57	2,568	119	1575	1.37
932	**4.8**	**3431**	1.56	55	4,125	121	1626	5
999	**1.34**	**3231**	1.45	51	1,130	117	1743	1.12
995	**1.67**	**3331**	1.46	52	2,492	119	1736	1.39
1047	**5**	**3431**	1.38	49	3,974	121	1827	5
1180	**1.45**	**3231**	1.23	44	1,077	117	2059	1.21
1148	**1.75**	**3331**	1.26	45	2,386	119	2003	1.46
1171	**4**	**3431**	1.24	44	3,834	121	2043	4

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
7.5 kW - 50 Hz		*LSES 132 M IFT/IE2 - LSES 132 MU IFT/IE3 LS 132 M FFB4 IFT/NIE - LSES 132 MU FFB4 IFT/IE3*					**13.1 kW - 87 Hz***	
3.75	**0.83**	**3835**	386	17887	37,562	147		
4.22	**0.93**	**3835**	344	15928	40,535	147		
4.71	**1.03**	**3835**	308	14270	42,713	147		
5.50	**1.21**	**3835**	264	12213	44,984	147		
5.95	**0.88**	**3733**	244	11519	21,972	143		
6.07	**1.34**	**3835**	239	11062	46,046	147		
6.69	**0.99**	**3733**	217	10251	24,960	143		
6.61	**1.46**	**3833**	220	10375	46,608	145		
7.33	**1.08**	**3733**	198	9351	27,083	143		
6.88	**1.51**	**3835**	211	9755	47,070	147		
7.38	**1.63**	**3833**	196	9286	47,390	145		
8.29	**1.22**	**3733**	175	8267	29,638	143		
7.90	**1.75**	**3833**	184	8675	47,771	145		
9.20	**1.36**	**3733**	158	7448	31,569	143		
8.82	**1.95**	**3833**	164	7768	48,258	145		
10.3	**1.52**	**3733**	141	6641	33,471	143		
9.96	**2.20**	**3833**	146	6881	48,644	145		
11.2	**1.65**	**3733**	129	6107	34,729	143		
11.2	**2.46**	**3833**	130	6138	48,900	145		
13.0	**0.83**	**3633**	112	5285	22,382	141		
13.1	**1.92**	**3733**	111	5239	36,775	143		
12.6	**2.77**	**3833**	115	5441	49,082	145		
15.0	**0.96**	**3633**	96.6	4569	24,395	141		
14.3	**2.09**	**3733**	102	4805	37,799	143		
14.1	**3.09**	**3833**	103	4876	49,190	145		
16.6	**1.06**	**3633**	87.3	4130	25,629	141		
16.1	**2.35**	**3733**	89.9	4250	39,108	143		
15.8	**3.45**	**3833**	92	4348	49,259	145		
18.8	**0.83**	**3533**	77.2	3652	10,546	139		
18.9	**1.20**	**3633**	76.9	3634	27,023	141		
18.9	**2.72**	**3733**	76.8	3628	40,572	143		
17.8	**3.89**	**3833**	81.5	3853	49,294	145		
20.8	**0.89**	**3533**	69.8	3301	12,762	139		
20.5	**1.30**	**3633**	70.8	3350	27,823	141		
21.2	**2.93**	**3733**	68.3	3227	41,517	143		
20.2	**4**	**3833**	71.7	3389	49,302	145		
23.6	**0.97**	**3533**	61.4	2905	15,262	139	41.7	0.81
23.0	**1.45**	**3633**	63	2977	28,870	141		
23.0	**4.99**	**3833**	63.1	2984	49,289	145		
25.6	**1.01**	**3533**	56.6	2678	16,696	139	45.2	0.85
25.8	**1.62**	**3633**	56.2	2658	29,767	141		
26.0	**5.64**	**3833**	55.7	2632	49,263	145		
29.2	**1.27**	**3533**	49.7	2375	18,609	139	51.5	1.26
30.2	**1.81**	**3633**	48.1	2296	30,786	141		
30.2	**2.72**	**3733**	48	2294	43,718	143		
28.7	**6**	**3833**	50.5	2387	49,237	145		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
7.5 kW - 50 Hz		*LSES 132 M IFT/IE2 - LSES 132 MU IFT/IE3 LS 132 M FFB4 IFT/NIE - LSES 132 MU FFB4 IFT/IE3*					**13.1 kW - 87 Hz***	
34.0	**1.47**	**3533**	42.7	2039	20,731	139	60.0	1.46
33.9	**1.99**	**3633**	42.8	2043	31,497	141		
33.7	**3.26**	**3733**	43	2053	44,285	143		
32.9	**7**	**3833**	44.1	2083	49,195	145		
37.9	**0.86**	**3433**	38.2	1828	5,408	137	66.9	0.86
37.0	**1.60**	**3533**	39.2	1874	21,772	139	65.3	1.58
37.2	**2.30**	**3633**	39	1864	32,001	141		
36.1	**3.98**	**3733**	40.2	1918	44,604	143		
36.8	**8**	**3833**	39.4	1862	49,157	145		
41.9	**0.95**	**3433**	34.6	1655	7,728	137	73.9	0.95
42.4	**1.83**	**3533**	34.2	1633	23,294	139	74.9	1.81
42.0	**2.57**	**3633**	34.5	1648	32,609	141		
40.3	**5**	**3733**	36	1717	45,077	143		
41.3	**9**	**3833**	35.1	1659	49,118	145		
45.5	**1.03**	**3433**	31.9	1525	9,372	137	80.3	1.02
48.1	**2.06**	**3533**	30.1	1440	24,513	139	84.9	2.04
46.7	**2.81**	**3633**	31.1	1484	33,068	141		
45.5	**6**	**3733**	31.8	1521	45,539	143		
45.9	**10**	**3833**	31.6	1492	49,082	145		
52.9	**1.19**	**3433**	27.4	1310	11,849	137	93.4	1.18
53.6	**2.29**	**3533**	27.1	1292	25,064	139	94.6	2.25
52.3	**3.11**	**3633**	27.7	1324	33,520	141		
51.0	**7**	**3733**	28.4	1357	45,926	143		
52.4	**11**	**3833**	27.7	1307	49,039	145		
56.8	**1.28**	**3433**	25.5	1221	12,785	137	100	1.27
60.2	**2.56**	**3533**	24.1	1150	24,368	139	106	2.47
56.9	**3.35**	**3633**	25.5	1217	33,819	141		
57.6	**7**	**3733**	25.2	1203	46,289	143		
64.8	**1.45**	**3433**	22.4	1069	14,230	137	114	1.44
65.7	**2.79**	**3533**	22.1	1054	23,840	139	116	2.64
66.3	**3.83**	**3633**	21.9	1044	34,306	141		
64.3	**8**	**3733**	22.6	1078	46,584	143		
73.8	**0.86**	**3333**	19.6	939	4,137	135	130	0.81
73.3	**1.64**	**3433**	19.8	945	15,263	137	129	1.60
76.0	**3.04**	**3533**	19.1	911	22,970	139	134	2.89
72.3	**4**	**3633**	20	958	34,549	141		
72.1	**9**	**3733**	20.1	961	46,859	143		
80.2	**0.93**	**3333**	18.1	864	5,415	135	142	0.87
82.4	**1.83**	**3433**	17.6	842	16,012	137	145	1.75
84.1	**3.52**	**3533**	17.2	824	22,370	139	149	3.13
81.8	**5**	**3633**	17.7	847	34,860	141		
81.3	**10**	**3733**	17.8	852	47,117	143		
90.3	**1.05**	**3333**	16.1	768	6,911	135	159	0.95
91.9	**2.04**	**3433**	15.8	754	16,561	137	162	1.91
95.6	**3.86**	**3533**	15.2	725	21,616	139	169	3.41
95.8	**5**	**3633**	15.1	723	35,208	141		
92.5	**11**	**3733**	15.7	749	47,359	143		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
7.5 kW - 50 Hz		*LSES 132 M IFT/IE2 - LSES 132 MU IFT/IE3 LS 132 M FFB4 IFT/NIE - LSES 132 MU FFB4 IFT/IE3*					**13.1 kW - 87 Hz***	
104	**1.20**	**3333**	14	669	8,249	135	183	1.05
107	**2.37**	**3433**	13.5	645	17,128	137	190	2.12
104	**4**	**3533**	14	668	21,140	139	183	3.61
108	**6**	**3633**	13.5	643	35,433	141		
105	**12**	**3733**	13.8	660	47,570	143		
115	**1.33**	**3333**	12.7	605	9,007	135	202	1.15
119	**2.60**	**3433**	12.2	584	17,387	137	209	2.26
117	**4**	**3533**	12.4	594	20,460	139	206	3.9
112	**6**	**3633**	13	620	35,498	141		
119	**14**	**3733**	12.2	582	47,753	143		
132	**1.44**	**3333**	11	527	9,824	135	232	1.24
134	**2.87**	**3433**	10.8	515	17,629	137	237	2.46
131	**5**	**3533**	11.1	530	19,819	139	231	4
130	**6**	**3633**	11.1	532	35,746	141		
131	**15**	**3733**	11	528	47,881	143		
145	**1.58**	**3333**	9.98	477	10,286	135	257	1.35
150	**3.09**	**3433**	9.67	462	17,469	137	265	2.65
142	**6**	**3633**	10.2	488	35,870	141		
150	**17**	**3733**	9.64	461	48,039	143		
160	**1.69**	**3333**	9.06	433	10,306	135	283	1.45
169	**3.33**	**3433**	8.6	411	16,918	137	298	2.85
161	**7**	**3633**	9.03	432	36,028	141		
168	**18**	**3733**	8.62	412	48,154	143		
181	**1.44**	**3531**	8	386	6,825	123	320	1.41
185	**1.86**	**3333**	7.85	375	9,979	135	326	1.58
188	**3.23**	**3433**	7.69	368	16,393	137	333	3.04
188	**9**	**3633**	7.71	369	36,206	141		
189	**20**	**3733**	7.68	367	48,260	143		
205	**1.21**	**3333**	7.09	339	9,614	135	361	1.22
211	**1.63**	**3531**	6.87	331	6,552	123	373	1.59
211	**2.86**	**3433**	6.86	328	15,715	137	373	2.76
202	**4**	**3533**	7.18	343	17,373	139	357	3.92
211	**9**	**3633**	6.86	328	36,320	141		
210	**22**	**3733**	6.9	330	48,347	143		
236	**1.10**	**3431**	6.15	297	4,954	121	416	1.10
226	**1.33**	**3333**	6.41	307	9,390	135	399	1.35
230	**1.84**	**3531**	6.31	305	6,402	123	406	1.80
233	**3.05**	**3433**	6.21	297	15,284	137	412	2.94
227	**4**	**3533**	6.38	305	16,779	139	401	4
234	**16**	**3733**	6.21	296	48,426	143		
260	**1.22**	**3431**	5.57	269	5,044	121	459	1.23
259	**1.53**	**3333**	5.59	267	9,085	135	458	1.55
264	**2.11**	**3531**	5.5	265	6,162	123	465	2.06
265	**2.98**	**3433**	5.48	262	14,745	137	467	2.87
255	**5**	**3533**	5.7	272	16,223	139	449	5
258	**18**	**3733**	5.63	269	48,491	143		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
7.5 kW - 50 Hz		*LSES 132 M IFT/IE2 - LSES 132 MU IFT/IE3 LS 132 M FFB4 IFT/NIE - LSES 132 MU FFB4 IFT/IE3*					**13.1 kW - 87 Hz***	
282	**1.32**	**3431**	5.13	248	5,095	121	499	1.34
287	**1.69**	**3333**	5.06	242	8,860	135	506	1.71
299	**2.38**	**3531**	4.85	234	5,945	123	528	2.25
295	**3.51**	**3433**	4.91	235	14,285	137	521	3.38
295	**20**	**3733**	4.91	235	48,572	143		
329	**1.54**	**3431**	4.41	213	5,152	121	580	1.54
316	**1.86**	**3333**	4.59	219	8,644	135	558	1.88
333	**2.67**	**3531**	4.35	210	5,763	123	588	2.41
332	**3.46**	**3433**	4.37	209	13,807	137	585	3.34
330	**22**	**3733**	4.39	210	48,630	143		
367	**0.79**	**3331**	3.95	191	1,778	119		
353	**1.65**	**3431**	4.11	199	5,149	121	623	1.67
364	**2.15**	**3333**	3.98	190	8,325	135	643	2.17
374	**2.88**	**3531**	3.88	187	5,570	123	661	2.56
371	**3.23**	**3433**	3.91	187	13,357	137	655	3.11
371	**25**	**3733**	3.91	187	48,684	143		
412	**0.86**	**3331**	3.52	170	1,891	119		
403	**1.89**	**3431**	3.6	174	5,143	121	711	1.90
408	**3.16**	**3531**	3.55	171	5,413	123	721	2.67
412	**27**	**3733**	3.52	168	48,729	143		
459	**0.90**	**3331**	3.16	153	1,960	119		
456	**2.13**	**3431**	3.18	154	5,009	121	805	2.11
472	**3.19**	**3531**	3.07	148	5,196	123	834	2.90
470	**31**	**3733**	3.08	147	48,778	143		
498	**1.05**	**3331**	2.91	141	2,004	119	880	0.89
512	**2.37**	**3431**	2.83	137	4,843	121	904	2.30
523	**3.56**	**3531**	2.77	134	5,026	123	923	2.99
561	**1.20**	**3331**	2.58	125	2,057	119	991	1.04
571	**2.57**	**3431**	2.54	123	4,687	121	1008	2.49
594	**3.78**	**3531**	2.44	118	4,845	123	1049	3.16
644	**1.21**	**3331**	2.25	109	2,087	119	1138	1.02
667	**2.85**	**3431**	2.17	105	4,475	121	1178	2.76
644	**3.91**	**3531**	2.25	109	4,723	123	1138	3.27
712	**1.28**	**3331**	2.04	98	2,111	119	1258	1.07
737	**3.05**	**3431**	1.97	95	4,343	121	1301	2.94
725	**4**	**3531**	2	97	4,553	123	1280	3.43
817	**1.20**	**3331**	1.77	86	2,093	119	1443	1.01
836	**2.98**	**3431**	1.74	84	4,178	121	1475	2.87
812	**4**	**3531**	1.79	86	4,397	123	1434	3.57
903	**1.20**	**3331**	1.61	78	2,077	119	1594	1.01
932	**3.51**	**3431**	1.56	75	4,040	121	1646	3.38
995	**1.22**	**3331**	1.46	70	2,078	119	1757	1.02
1047	**3.46**	**3431**	1.38	67	3,894	121	1849	3.34
1148	**1.28**	**3331**	1.26	61	2,030	119	2027	1.07
1171	**3.23**	**3431**	1.24	60	3,758	121	2068	3.11

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
9 kW - 50 Hz		*LSES 132 M IFT/IE2 - LSES 160 MR IFT/IE3 LS 132 M FFB4 IFT/NIE - LSES 160 MR FFB4 IFT/IE3*					**15.7 kW - 87 Hz***	
4.69	**0.86**	**3835**	308	17191	38,669	147		
5.48	**1.00**	**3835**	264	14712	42,163	147		
6.05	**1.11**	**3835**	239	13326	43,815	147		
6.66	**0.82**	**3733**	217	12351	20,011	143		
6.58	**1.21**	**3833**	220	12500	44,696	145		
7.30	**0.90**	**3733**	198	11266	22,568	143		
6.86	**1.26**	**3835**	211	11752	45,427	147		
7.35	**1.36**	**3833**	196	11189	45,936	145		
8.26	**1.01**	**3733**	175	9960	25,647	143		
7.87	**1.45**	**3833**	184	10452	46,547	145		
9.17	**1.13**	**3733**	158	8973	27,974	143		
8.79	**1.62**	**3833**	164	9359	47,342	145		
10.3	**1.26**	**3733**	141	8001	30,265	143		
9.93	**1.83**	**3833**	146	8290	47,989	145		
11.2	**1.37**	**3733**	129	7358	31,781	143		
11.1	**2.05**	**3833**	130	7395	48,431	145		
13.0	**1.59**	**3733**	111	6312	34,246	143		
12.6	**2.30**	**3833**	115	6556	48,764	145		
15.0	**0.79**	**3633**	96.6	5504	21,765	141		
14.2	**1.73**	**3733**	102	5789	35,479	143		
14.0	**2.56**	**3833**	103	5875	48,975	145		
16.5	**0.88**	**3633**	87.3	4976	23,252	141		
16.1	**1.95**	**3733**	89.9	5120	37,056	143		
15.7	**2.87**	**3833**	92	5238	49,125	145		
18.8	**0.99**	**3633**	76.9	4378	24,931	141		
18.8	**2.26**	**3733**	76.8	4371	38,820	143		
17.7	**3.23**	**3833**	81.5	4642	49,225	145		
20.4	**1.08**	**3633**	70.8	4035	25,895	141		
21.2	**2.44**	**3733**	68.3	3888	39,959	143		
20.2	**3.66**	**3833**	71.7	4083	49,281	145		
23.5	**0.80**	**3533**	61.4	3500	11,505	139		
23.0	**1.21**	**3633**	63	3587	27,156	141		
23.6	**2.61**	**3733**	61.2	3487	40,906	143		
22.9	**4**	**3833**	63.1	3595	49,302	145		
25.5	**0.84**	**3533**	56.6	3226	13,235	139		
25.7	**1.35**	**3633**	56.2	3203	28,237	141		
26.1	**2.76**	**3733**	55.4	3153	41,693	143		
26.0	**5**	**3833**	55.7	3171	49,298	145		
28.7	**0.90**	**3533**	50.3	2867	15,502	139		
28.7	**1.50**	**3633**	50.4	2870	29,173	141		
30.1	**2.26**	**3733**	48	2763	42,611	143		
28.6	**5**	**3833**	50.5	2876	49,283	145		
32.2	**0.96**	**3533**	44.9	2560	17,441	139	56.9	0.80
33.8	**1.65**	**3633**	42.8	2462	30,320	141		
33.6	**2.71**	**3733**	43	2473	43,294	143		
33.1	**2.85**	**3833**	43.6	2511	49,251	145		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
9 kW - 50 Hz		*LSES 132 M IFT/IE2 - LSES 160 MR IFT/IE3 LS 132 M FFB4 IFT/NIE - LSES 160 MR FFB4 IFT/IE3*					**15.7 kW - 87 Hz***	
35.9	**1.02**	**3533**	40.3	2294	19,121	139	63.5	0.86
37.0	**1.91**	**3633**	39	2245	30,928	141		
36.0	**3.31**	**3733**	40.2	2311	43,678	143		
37.1	**3.54**	**3833**	38.9	2239	49,218	145		
41.4	**0.79**	**3433**	34.9	1987	3,159	137	73.3	0.79
42.3	**1.52**	**3533**	34.2	1967	21,185	139	74.8	1.51
41.9	**2.13**	**3633**	34.5	1985	31,660	141		
40.2	**3.87**	**3733**	36	2069	44,248	143		
42.0	**5**	**3833**	34.4	1979	49,178	145		
46.3	**0.88**	**3433**	31.2	1777	6,107	137	81.9	0.88
47.9	**1.71**	**3533**	30.1	1735	22,650	139	84.8	1.70
46.5	**2.34**	**3633**	31.1	1788	32,213	141		
45.4	**5**	**3733**	31.8	1833	44,805	143		
47.0	**6**	**3833**	30.8	1770	49,140	145		
52.7	**0.99**	**3433**	27.4	1578	8,704	137	93.2	0.99
53.4	**1.90**	**3533**	27.1	1557	23,774	139	94.5	1.87
52.2	**2.59**	**3633**	27.7	1595	32,758	141		
50.9	**5**	**3733**	28.4	1635	45,271	143		
52.6	**7**	**3833**	27.5	1582	49,102	145		
56.6	**1.06**	**3433**	25.5	1471	10,021	137	100	1.06
60.0	**2.13**	**3533**	24.1	1386	23,743	139	106	2.05
56.7	**2.78**	**3633**	25.5	1466	33,119	141		
57.4	**6**	**3733**	25.2	1449	45,709	143		
58.9	**9**	**3833**	24.5	1412	49,064	145		
64.6	**1.21**	**3433**	22.4	1288	12,088	137	114	1.20
65.5	**2.31**	**3533**	22.1	1270	23,270	139	116	2.20
66.1	**3.18**	**3633**	21.9	1258	33,705	141		
64.0	**7**	**3733**	22.6	1299	46,064	143		
65.9	**10**	**3833**	21.9	1262	49,028	145		
73.1	**1.36**	**3433**	19.8	1138	13,595	137	129	1.33
75.8	**2.52**	**3533**	19.1	1098	22,480	139	134	2.40
72.1	**3.43**	**3633**	20	1154	33,998	141		
71.8	**7**	**3733**	20.1	1158	46,395	143		
74.0	**10**	**3833**	19.5	1124	48,993	145		
82.1	**1.52**	**3433**	17.6	1014	14,709	137	145	1.46
83.8	**2.93**	**3533**	17.2	992	21,930	139	148	2.61
81.5	**3.82**	**3633**	17.7	1020	34,373	141		
81.0	**8**	**3733**	17.8	1026	46,706	143		
83.1	**12**	**3833**	17.4	1000	48,959	145		
91.6	**1.69**	**3433**	15.8	908	15,541	137	162	1.59
95.3	**3.2**	**3533**	15.2	873	21,230	139	168	2.84
95.5	**4**	**3633**	15.1	871	34,792	141		
92.1	**9**	**3733**	15.7	903	46,997	143		
93.9	**13**	**3833**	15.4	886	48,927	145		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
9 kW - 50 Hz		*LSES 132 M IFT/IE2 - LSES 160 MR IFT/IE3 LS 132 M FFB4 IFT/NIE - LSES 160 MR FFB4 IFT/IE3*					**15.7 kW - 87 Hz***	
107.0	**1.96**	**3433**	13.5	777	16,422	137	189	1.77
103	**3.37**	**3533**	14	805	20,786	139	183	3.00
107	**5**	**3633**	13.5	775	35,063	141		
105	**10**	**3733**	13.8	795	47,252	143		
105	**14**	**3833**	13.7	788	48,898	145		
118	**2.16**	**3433**	12.2	704	16,837	137	209	1.89
116	**3.73**	**3533**	12.4	715	20,150	139	206	3.25
120	**5**	**3633**	12.1	695	35,288	141		
119	**11**	**3733**	12.2	701	47,473	143		
116	**15**	**3833**	12.5	718	48,876	145		
134	**2.38**	**3433**	10.8	621	17,237	137	237	2.05
130	**3.98**	**3533**	11.1	639	19,540	139	230	3.51
132	**6**	**3633**	10.9	628	35,475	141		
131	**12**	**3733**	11	636	47,626	143		
131	**17**	**3833**	11	635	48,850	145		
149	**2.57**	**3433**	9.67	557	17,169	137	264	2.21
145	**4**	**3533**	9.94	572	18,960	139	257	3.77
150	**7**	**3633**	9.63	554	35,683	141		
150	**14**	**3733**	9.64	555	47,817	143		
145	**18**	**3833**	9.96	573	48,830	145		
168	**2.77**	**3433**	8.6	495	16,654	137	297	2.38
159	**5**	**3533**	9.07	522	18,480	139	282	4
169	**7**	**3633**	8.53	491	35,862	141		
168	**15**	**3733**	8.62	496	47,956	143		
165	**20**	**3833**	8.75	504	48,807	145		
188	**2.68**	**3433**	7.69	443	16,159	137	332	2.53
182	**5**	**3533**	7.92	456	17,785	139	322	4
190	**8**	**3633**	7.62	439	36,009	141		
188	**17**	**3733**	7.68	442	48,083	143		
178	**20**	**3833**	8.11	467	48,795	145		
211	**2.37**	**3433**	6.86	395	15,477	137	372	2.30
201	**3.37**	**3533**	7.18	413	17,180	139	356	3.26
211	**8**	**3633**	6.86	395	36,132	141		
209	**18**	**3733**	6.9	397	48,188	143		
208	**24**	**3833**	6.95	400	48,772	145		
233	**2.53**	**3433**	6.21	358	15,068	137	411	2.45
226	**3.73**	**3533**	6.38	367	16,610	139	400	3.60
235	**9**	**3633**	6.15	354	36,246	141		
233	**13**	**3733**	6.21	357	48,283	143		
228	**26**	**3833**	6.33	364	48,759	145		
263	**1.75**	**3531**	5.5	320	6,042	123	465	1.72
264	**2.47**	**3433**	5.48	316	14,555	137	466	2.39
254	**4**	**3533**	5.7	328	16,072	139	448	3.84
260	**10**	**3633**	5.6	320	36,342	141		
257	**15**	**3733**	5.63	324	48,361	143		
261	**30**	**3833**	5.6	319	48,743	145		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
9 kW - 50 Hz		*LSES 132 M IFT/IE2 - LSES 160 MR IFT/IE3 LS 132 M FFB4 IFT/NIE - LSES 160 MR FFB4 IFT/IE3*					**15.7 kW - 87 Hz***	
298	**1.97**	**3531**	4.85	282	5,838	123	527	1.88
294	**2.91**	**3433**	4.91	283	14,117	137	520	2.81
283	**5**	**3533**	5.1	294	15,562	139	501	5
294	**11**	**3633**	4.91	283	36,448	141		
294	**17**	**3733**	4.91	283	48,458	143		
289	**33**	**3833**	5.01	288	48,732	145		
328	**1.28**	**3431**	4.41	257	4,350	121	579	1.28
332	**2.21**	**3531**	4.35	253	5,665	123	587	2.01
330	**2.88**	**3433**	4.37	252	13,658	137	584	2.78
310	**5**	**3533**	4.66	268	15,145	139	549	5
333	**12**	**3633**	4.34	250	36,539	141		
329	**19**	**3733**	4.39	253	48,529	143		
329	**36**	**3833**	4.4	253	48,720	145		
351	**1.37**	**3431**	4.11	239	4,411	121	621	1.39
373	**2.39**	**3531**	3.88	225	5,482	123	659	2.13
370	**2.68**	**3433**	3.91	225	13,226	137	653	2.59
355	**6**	**3533**	4.07	234	14,545	139	628	6
372	**12**	**3633**	3.88	224	36,613	141		
369	**21**	**3733**	3.91	225	48,594	143		
355	**36**	**3833**	4.08	235	48,713	145		
401	**1.57**	**3431**	3.6	209	4,479	121	710	1.59
407	**2.63**	**3531**	3.55	206	5,328	123	720	2.23
411	**23**	**3733**	3.52	202	48,648	143		
414	**38**	**3833**	3.49	201	48,701	145		
454	**1.77**	**3431**	3.18	185	4,496	121	803	1.76
471	**2.65**	**3531**	3.07	178	5,123	123	833	2.41
469	**26**	**3733**	3.08	177	48,707	143		
454	**32**	**3833**	3.18	183	48,694	145		
510	**1.97**	**3431**	2.83	165	4,487	121	902	1.92
521	**2.96**	**3531**	2.77	161	4,956	123	921	2.49
502	**37**	**3833**	2.88	166	48,687	145		
569	**2.13**	**3431**	2.54	148	4,460	121	1007	2.07
592	**3.14**	**3531**	2.44	142	4,784	123	1047	2.64
665	**2.4**	**3431**	2.17	126	4,401	121	1176	2.3
642	**3.25**	**3531**	2.25	131	4,667	123	1136	2.73
734	**2.53**	**3431**	1.97	114	4,274	121	1298	2.45
723	**3.40**	**3531**	2	116	4,503	123	1278	2.85
833	**2.47**	**3431**	1.74	101	4,113	121	1472	2.39
809	**3.54**	**3531**	1.79	104	4,346	123	1431	2.98
929	**2.91**	**3431**	1.56	90	3,981	121	1643	2.81
903	**3.68**	**3531**	1.6	93	4,200	123	1597	3.09
1044	**2.88**	**3431**	1.38	81	3,837	121	1845	2.78
990	**3.79**	**3531**	1.46	85	4,080	123	1751	3.18
1167	**2.68**	**3431**	1.24	72	3,707	121	2064	2.59
1133	**3.94**	**3531**	1.28	74	3,911	123	2004	3.31

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
11 kW - 50 Hz		*LSES 160 MR IFT/IE2 - LSES 160 M IFT/IE3 LS 160 MP FFB5 IFT/NIE - LSES 160 M FFB5 IFT/IE3*					**19.1 kW - 87 Hz***	
5.51	**0.83**	**3835**	264	17901	37,540	147		
6.08	**0.91**	**3835**	239	16215	40,128	147		
6.61	**1.00**	**3833**	220	15211	41,515	145		
6.89	**1.03**	**3835**	211	14299	42,678	147		
7.39	**1.11**	**3833**	196	13615	43,488	145		
8.30	**0.83**	**3733**	175	12121	20,554	143		
7.91	**1.19**	**3833**	184	12720	44,469	145		
9.21	**0.92**	**3733**	158	10919	23,386	143		
8.83	**1.33**	**3833**	164	11389	45,759	145		
10.3	**1.04**	**3733**	141	9736	26,174	143		
9.97	**1.50**	**3833**	146	10089	46,827	145		
11.2	**1.13**	**3733**	129	8954	28,019	143		
11.2	**1.68**	**3833**	130	8999	47,575	145		
13.1	**1.31**	**3733**	111	7681	31,019	143		
12.6	**1.89**	**3833**	115	7978	48,154	145		
14.3	**1.42**	**3733**	102	7045	32,519	143		
14.1	**2.11**	**3833**	103	7149	48,537	145		
16.2	**1.60**	**3733**	89.9	6230	34,438	143		
15.8	**2.36**	**3833**	92	6374	48,825	145		
18.9	**0.82**	**3633**	76.9	5328	22,261	141		
18.9	**1.86**	**3733**	76.8	5320	36,585	143		
17.8	**2.65**	**3833**	81.5	5649	49,034	145		
20.5	**0.88**	**3633**	70.8	4910	23,435	141		
21.3	**2.00**	**3733**	68.3	4732	37,971	143		
20.3	**3.00**	**3833**	71.7	4968	49,175	145		
23.1	**0.99**	**3633**	63	4365	24,969	141		
23.7	**2.14**	**3733**	61.2	4243	39,123	143		
23.0	**3.40**	**3833**	63.1	4374	49,256	145		
25.8	**1.11**	**3633**	56.2	3897	26,284	141		
26.2	**2.26**	**3733**	55.4	3837	40,081	143		
26.1	**3.84**	**3833**	55.7	3858	49,294	145		
28.8	**1.23**	**3633**	50.4	3492	27,423	141		
29.7	**2.43**	**3733**	48.8	3385	41,146	143		
28.8	**4**	**3833**	50.5	3500	49,303	145		
32.3	**0.79**	**3533**	44.9	3115	13,936	139		
34.0	**1.36**	**3633**	42.8	2995	28,819	141		
33.3	**2.34**	**3833**	43.6	3055	49,293	145		
33.6	**2.61**	**3733**	43.2	2996	42,062	143		
36.1	**0.84**	**3533**	40.3	2791	15,982	139		
37.2	**1.57**	**3633**	39	2732	29,559	141		
36.2	**2.72**	**3733**	40.2	2812	42,497	143		
37.3	**2.91**	**3833**	38.9	2725	49,271	145		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
11 kW - 50 Hz		*LSES 160 MR IFT/IE2 - LSES 160 M IFT/IE3 LS 160 MP FFB5 IFT/NIE - LSES 160 M FFB5 IFT/IE3*					**19.1 kW - 87 Hz***	
42.5	**1.24**	**3533**	34.2	2394	18,489	139	74.6	1.24
42.1	**1.75**	**3633**	34.5	2416	30,450	141		
40.4	**3.18**	**3733**	36	2518	43,190	143		
42.2	**3.82**	**3833**	34.4	2409	49,239	145		
48.2	**1.41**	**3533**	30.1	2111	20,276	139	84.6	1.39
46.7	**1.92**	**3633**	31.1	2176	31,123	141		
45.6	**3.89**	**3733**	31.8	2230	43,868	143		
47.2	**5**	**3833**	30.8	2153	49,205	145		
53.0	**0.81**	**3433**	27.4	1921	4,107	137	93.0	0.81
53.7	**1.56**	**3533**	27.1	1895	21,640	139	94.3	1.54
52.4	**2.12**	**3633**	27.7	1940	31,786	141		
51.1	**4**	**3733**	28.4	1989	44,436	143		
52.8	**6**	**3833**	27.5	1925	49,168	145		
56.8	**0.87**	**3433**	25.5	1790	5,929	137	99.8	0.87
60.3	**1.75**	**3533**	24.1	1687	22,860	139	106	1.68
57.0	**2.28**	**3633**	25.5	1784	32,224	141		
57.7	**5**	**3733**	25.2	1764	44,968	143		
59.2	**7**	**3833**	24.5	1718	49,130	145		
64.9	**0.99**	**3433**	22.4	1567	8,844	137	114	0.98
65.8	**1.90**	**3533**	22.1	1545	22,463	139	116	1.80
66.4	**2.61**	**3633**	21.9	1531	32,938	141		
64.3	**5**	**3733**	22.6	1580	45,400	143		
66.2	**8**	**3833**	21.9	1535	49,092	145		
73.4	**1.12**	**3433**	19.8	1385	11,019	137	129	1.10
76.1	**2.07**	**3533**	19.1	1336	21,777	139	134	1.97
72.4	**2.81**	**3633**	20	1404	33,294	141		
72.2	**6**	**3733**	20.1	1409	45,803	143		
74.3	**8**	**3833**	19.5	1368	49,054	145		
82.5	**1.25**	**3433**	17.6	1233	12,658	137	145	1.20
84.2	**2.40**	**3533**	17.2	1207	21,292	139	148	2.14
81.9	**3.13**	**3633**	17.7	1242	33,751	141		
81.4	**7**	**3733**	17.8	1249	46,181	143		
83.5	**10**	**3833**	17.4	1217	49,017	145		
92.1	**1.39**	**3433**	15.8	1105	13,906	137	162	1.31
95.7	**2.63**	**3533**	15.2	1062	20,667	139	168	2.33
95.9	**3.60**	**3633**	15.1	1060	34,261	141		
92.6	**7**	**3733**	15.7	1098	46,536	143		
94.4	**10**	**3833**	15.4	1078	48,980	145		
107.6	**1.61**	**3433**	13.5	946	15,257	137	189	1.45
103.9	**2.77**	**3533**	14	979	20,264	139	182	2.46
107.8	**3.99**	**3633**	13.5	943	34,590	141		
105.1	**8**	**3733**	13.8	967	46,845	143		
106.0	**12**	**3833**	13.7	959	48,948	145		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
11 kW - 50 Hz		*LSES 160 MR IFT/IE2 - LSES 160 M IFT/IE3 LS 160 MP FFB5 IFT/NIE - LSES 160 M FFB5 IFT/IE3*					**19.1 kW - 87 Hz***	
118.7	**1.77**	**3433**	12.2	857	15,909	137	209	1.55
116.8	**3.06**	**3533**	12.4	870	19,683	139	205	2.67
120.3	**4**	**3633**	12.1	846	34,864	141		
119.2	**9**	**3733**	12.2	853	47,114	143		
116.4	**12**	**3833**	12.5	874	48,923	145		
134.7	**1.95**	**3433**	10.8	755	16,552	137	236	1.68
131	**3.27**	**3533**	11.1	777	19,122	139	230	2.88
133	**5**	**3633**	10.9	765	35,092	141		
131	**10**	**3733**	11	774	47,301	143		
132	**14**	**3833**	11	773	48,893	145		
150	**2.11**	**3433**	9.67	677	16,730	137	264	1.81
146	**3.61**	**3533**	9.94	696	18,583	139	256	3.09
151	**5**	**3633**	9.63	675	35,345	141		
151	**11**	**3733**	9.64	675	47,533	143		
146	**15**	**3833**	9.96	698	48,870	145		
169	**2.27**	**3433**	8.6	603	16,258	137	296	1.95
160	**3.84**	**3533**	9.07	635	18,133	139	281	3.29
170	**6**	**3633**	8.53	597	35,563	141		
168	**12**	**3733**	8.62	604	47,702	143		
166	**16**	**3833**	8.75	613	48,843	145		
189	**2.20**	**3433**	7.69	539	15,805	137	331	2.08
183	**4.19**	**3533**	7.92	555	17,479	139	322	3.59
191	**7**	**3633**	7.62	534	35,741	141		
189	**14**	**3733**	7.68	538	47,858	143		
179	**17**	**3833**	8.11	568	48,828	145		
212	**1.95**	**3433**	6.86	481	15,118	137	372	1.89
202	**2.77**	**3533**	7.18	503	16,877	139	355	2.67
212	**6**	**3633**	6.86	481	35,891	141		
210	**15**	**3733**	6.9	484	47,985	143		
209	**20**	**3833**	6.95	486	48,801	145		
234	**2.08**	**3433**	6.21	435	14,744	137	410	2.01
228	**3.06**	**3533**	6.38	447	16,339	139	400	2.95
236	**8**	**3633**	6.15	431	36,030	141		
234	**11**	**3733**	6.21	435	48,100	143		
229	**21**	**3833**	6.33	443	48,787	145		
264	**1.44**	**3531**	5.5	389	5,551	123	464	1.41
265	**2.03**	**3433**	5.48	384	14,267	137	465	1.96
255	**3.27**	**3533**	5.7	399	15,829	139	448	3.15
261	**8**	**3633**	5.56	390	36,146	141		
258	**12**	**3733**	5.63	394	48,196	143		
262	**25**	**3833**	5.55	388	48,768	145		
299	**1.62**	**3531**	4.85	343	5,609	123	526	1.54
296	**2.39**	**3433**	4.91	344	13,858	137	519	2.31
284	**4**	**3533**	5.1	358	15,340	139	500	4

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
11 kW - 50 Hz		*LSES 160 MR IFT/IE2 - LSES 160 M IFT/IE3 LS 160 MP FFB5 IFT/NIE - LSES 160 M FFB5 IFT/IE3*					**19.1 kW - 87 Hz***	
296	**9**	**3633**	4.91	344	36,275	141		
295	**14**	**3733**	4.91	344	48,314	143		
290	**27**	**3833**	5.01	351	48,754	145		
329	**1.05**	**3431**	4.41	312	3,320	121	578	1.05
334	**1.82**	**3531**	4.4	308	5,521	123	586	1.65
332	**2.36**	**3433**	4.37	306	13,426	137	583	2.28
312	**5**	**3533**	4.7	326	14,942	139	548	4
334	**10**	**3633**	4.34	304	36,386	141		
331	**15**	**3733**	4.39	308	48,400	143		
330	**30**	**3833**	4.4	308	48,739	145		
353	**1.13**	**3431**	4.11	291	3,425	121	620	1.14
375	**1.97**	**3531**	3.88	274	5,350	123	658	1.75
371	**2.20**	**3433**	3.91	274	13,015	137	652	2.12
357	**5**	**3533**	4.07	285	14,365	139	627	5
374	**10**	**3633**	3.88	272	36,477	141		
371	**17**	**3733**	3.91	274	48,479	143		
356	**30**	**3833**	4.08	285	48,731	145		
403	**1.29**	**3431**	3.6	255	3,581	121	708	1.30
409	**2.16**	**3531**	3.55	251	5,199	123	718	1.83
413	**19**	**3733**	3.52	246	48,544	143		
416	**31**	**3833**	3.49	244	48,716	145		
456	**1.46**	**3431**	3.18	225	3,693	121	801	1.44
473	**2.17**	**3531**	3.07	217	5,011	123	831	1.98
471	**21**	**3733**	3.08	216	48,616	143		
456	**27**	**3833**	3.18	223	48,709	145		
512	**1.62**	**3431**	2.83	201	3,741	121	900	1.57
523	**2.43**	**3531**	2.77	196	4,849	123	919	2.05
505	**30**	**3833**	2.88	202	48,701	145		
572	**1.75**	**3431**	2.54	180	3,776	121	1005	1.70
595	**2.57**	**3531**	2.44	173	4,688	123	1045	2.16
668	**1.95**	**3431**	2.17	154	3,785	121	1174	1.89
645	**2.66**	**3531**	2.25	159	4,578	123	1133	2.24
738	**2.08**	**3431**	1.97	139	3,782	121	1296	2.01
726	**2.79**	**3531**	2	142	4,417	123	1275	2.34
837	**2.03**	**3431**	1.74	123	3,735	121	1469	1.96
813	**2.91**	**3531**	1.79	126	4,271	123	1428	2.44
933	**2.39**	**3431**	1.56	110	3,695	121	1639	2.31
908	**3.02**	**3531**	1.6	113	4,128	123	1594	2.54
1049	**2.36**	**3431**	1.38	98	3,630	121	1842	2.28
995	**3.11**	**3531**	1.46	103	4,013	123	1747	2.61
1173	**2.20**	**3431**	1.24	88	3,551	121	2060	2.12
1139	**3.24**	**3531**	1.28	90	3,847	123	2000	2.72

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
15 kW - 50 Hz		*LSES 160 L IFT/IE2 - LSES 160 LUR IFT/IE3 LS 160 LR FFB5 IFT/NIE - LSES 160 LUR FFB5 IFT/IE3*					**26.1 kW - 87 Hz***	
7.40	**0.82**	**3833**	196	18552	36,455	145		
7.92	**0.87**	**3833**	184	17331	38,450	145		
8.85	**0.98**	**3833**	164	15518	41,102	145		
9.99	**1.10**	**3833**	146	13746	43,337	145		
11.3	**0.83**	**3733**	129	12200	20,367	143		
11.2	**1.23**	**3833**	130	12262	44,936	145		
13.1	**0.96**	**3733**	111	10466	24,454	143		
12.6	**1.39**	**3833**	115	10870	46,208	145		
14.3	**1.04**	**3733**	102	9599	26,498	143		
14.1	**1.55**	**3833**	103	9741	47,080	145		
16.2	**1.18**	**3733**	89.9	8489	29,114	143		
15.8	**1.73**	**3833**	92	8685	47,765	145		
18.9	**1.36**	**3733**	76.8	7248	32,039	143		
17.8	**1.95**	**3833**	81.5	7697	48,292	145		
21.3	**1.47**	**3733**	68.3	6447	33,927	143		
20.3	**2.20**	**3833**	71.7	6769	48,687	145		
23.8	**1.57**	**3733**	61.2	5781	35,497	143		
23.0	**2.50**	**3833**	63.1	5960	48,951	145		
25.9	**0.81**	**3633**	56.2	5310	22,312	141		
26.3	**1.66**	**3733**	55.4	5228	36,803	143		
26.1	**2.82**	**3833**	55.7	5257	49,122	145		
28.9	**0.90**	**3633**	50.4	4758	23,865	141		
29.8	**1.79**	**3733**	48.8	4612	38,253	143		
28.8	**3.10**	**3833**	50.5	4768	49,207	145		
34.0	**1.00**	**3633**	42.8	4081	25,767	141		
33.3	**1.72**	**3833**	43.6	4163	49,275	145		
33.6	**1.91**	**3733**	43.2	4083	39,501	143		
37.3	**1.15**	**3633**	39	3723	26,775	141		
36.2	**1.99**	**3733**	40.2	3831	40,094	143		
37.4	**2.13**	**3833**	38.9	3712	49,299	145		
42.5	**0.91**	**3533**	34.2	3261	13,014	139	74.9	0.91
42.2	**1.28**	**3633**	34.5	3291	27,988	141		
40.4	**2.33**	**3733**	36	3430	41,039	143		
42.3	**2.81**	**3833**	34.4	3282	49,301	145		
48.2	**1.03**	**3533**	30.1	2876	15,445	139	84.9	1.02
46.8	**1.41**	**3633**	31.1	2965	28,905	141		
45.7	**2.85**	**3733**	31.8	3039	41,962	143		
47.3	**3.85**	**3833**	30.8	2934	49,287	145		
53.8	**1.15**	**3533**	27.1	2581	17,308	139	94.6	1.13
52.5	**1.56**	**3633**	27.7	2644	29,808	141		
51.2	**3.26**	**3733**	28.4	2711	42,736	143		
52.9	**4.46**	**3833**	27.5	2623	49,262	145		
60.4	**1.28**	**3533**	24.1	2298	19,095	139	106	1.24
57.1	**1.68**	**3633**	25.5	2431	30,406	141		
57.7	**3.62**	**3733**	25.2	2403	43,461	143		
59.3	**5**	**3833**	24.5	2341	49,231	145		
65.9	**1.40**	**3533**	22.1	2105	20,314	139	116	1.32
66.5	**1.92**	**3633**	21.9	2086	31,377	141		
64.4	**3.97**	**3733**	22.6	2153	44,049	143		
66.3	**6**	**3833**	21.9	2092	49,196	145		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
15 kW - 50 Hz		*LSES 160 L IFT/IE2 - LSES 160 LUR IFT/IE3 LS 160 LR FFB5 IFT/NIE - LSES 160 LUR FFB5 IFT/IE3*					**26.1 kW - 87 Hz***	
73.5	**0.82**	**3433**	19.8	1887	4,580	137	129	0.80
76.2	**1.52**	**3533**	19.1	1820	20,417	139	134	1.45
72.5	**2.07**	**3633**	20	1913	31,863	141		
72.3	**4**	**3733**	20.1	1920	44,599	143		
74.4	**6**	**3833**	19.5	1864	49,158	145		
82.6	**0.92**	**3433**	17.6	1680	7,393	137	145	0.88
84.3	**1.76**	**3533**	17.2	1645	20,060	139	149	1.57
82.0	**2.3**	**3633**	17.7	1692	32,485	141		
81.5	**5**	**3733**	17.8	1701	45,114	143		
83.7	**7**	**3833**	17.4	1658	49,118	145		
92.2	**1.02**	**3433**	15.8	1506	9,605	137	162	0.96
95.9	**1.93**	**3533**	15.2	1448	19,580	139	169	1.71
96.1	**2.64**	**3633**	15.1	1444	33,180	141		
92.7	**5**	**3733**	15.7	1496	45,597	143		
94.5	**8**	**3833**	15.4	1468	49,077	145		
108	**1.18**	**3433**	13.5	1288	12,084	137	190	1.06
104	**2.03**	**3533**	14	1334	19,265	139	183	1.81
108	**2.93**	**3633**	13.5	1285	33,629	141		
105	**6**	**3733**	13.8	1318	46,019	143		
106	**8**	**3833**	13.7	1307	49,039	145		
119	**1.30**	**3433**	12.2	1167	13,321	137	209	1.14
117	**2.25**	**3533**	12.4	1186	18,793	139	206	1.96
120	**3.22**	**3633**	12.1	1152	34,003	141		
119	**7**	**3733**	12.2	1162	46,385	143		
117	**9**	**3833**	12.5	1191	49,010	145		
135	**1.43**	**3433**	10.8	1029	14,578	137	237	1.24
131	**2.40**	**3533**	11.1	1059	18,327	139	231	2.11
133	**3.52**	**3633**	10.9	1042	34,313	141		
132	**7**	**3733**	11	1054	46,640	143		
132	**10**	**3833**	11	1053	48,974	145		
150	**1.55**	**3433**	9.67	923	15,434	137	265	1.33
146	**2.65**	**3533**	9.94	949	17,869	139	257	2.27
151	**3.93**	**3633**	9.63	919	34,658	141		
151	**8**	**3733**	9.64	920	46,956	143		
146	**11**	**3833**	9.96	951	48,945	145		
169	**1.67**	**3433**	8.6	821	15,510	137	298	1.43
160	**2.82**	**3533**	9.07	865	17,484	139	282	2.41
171	**4**	**3633**	8.53	814	34,954	141		
169	**9**	**3733**	8.62	822	47,186	143		
166	**12**	**3833**	8.75	835	48,912	145		
189	**1.62**	**3433**	7.69	734	15,136	137	333	1.52
184	**3.08**	**3533**	7.92	756	16,910	139	323	2.63
191	**5**	**3633**	7.62	727	35,197	141		
189	**10**	**3733**	7.68	732	47,398	143		
179	**12**	**3833**	8.11	774	48,893	145		
212	**1.43**	**3433**	6.86	655	14,439	137	373	1.38
203	**2.03**	**3533**	7.18	685	16,314	139	357	1.96
212	**4.55**	**3633**	6.86	655	35,401	141		
211	**11**	**3733**	6.9	659	47,572	143		
209	**14**	**3833**	6.95	663	48,859	145		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI < —— > page	N_S (min^{-1})	Kp
15 kW - 50 Hz		*LSES 160 L IFT/IE2 - LSES 160 LUR IFT/IE3 LS 160 LR FFB5 IFT/NIE - LSES 160 LUR FFB5 IFT/IE3*					**26.1 kW - 87 Hz***	
234	**1.53**	**3433**	6.21	593	14,128	137	412	1.48
228	**2.25**	**3533**	6.38	609	15,837	139	401	2.17
236	**6**	**3633**	6.15	587	35,591	141		
234	**8**	**3733**	6.21	592	47,729	143		
230	**15**	**3833**	6.33	604	48,840	145		
264	**1.06**	**3531**	5.5	530	3,798	123	465	1.03
265	**1.49**	**3433**	5.48	523	13,724	137	467	1.44
255	**2.40**	**3533**	5.7	544	15,379	139	449	2.31
261	**6**	**3633**	5.56	531	35,749	141		
258	**9**	**3733**	5.63	537	47,859	143		
262	**18**	**3833**	5.55	529	48,815	145		
300	**1.19**	**3531**	4.85	468	4,021	123	528	1.13
296	**1.76**	**3433**	4.91	469	13,369	137	521	1.69
285	**3.15**	**3533**	5.1	487	14,940	139	501	3.03
296	**7**	**3633**	4.91	468	35,925	141		
296	**10**	**3733**	4.91	469	48,020	143		
290	**20**	**3833**	5.01	478	48,798	145		
334	**1.33**	**3531**	4.35	420	4,173	123	588	1.21
333	**1.73**	**3433**	4.37	417	12,992	137	585	1.67
312	**3.31**	**3533**	4.66	444	14,576	139	550	3.18
335	**7**	**3633**	4.34	415	36,076	141		
331	**11**	**3733**	4.39	419	48,137	143		
331	**22**	**3833**	4.4	420	48,778	145		
354	**0.83**	**3431**	4.11	396	1,456	121	623	0.84
375	**1.44**	**3531**	3.88	374	4,291	123	661	1.28
372	**1.62**	**3433**	3.91	373	12,627	137	655	1.56
357	**3.55**	**3533**	4.07	388	14,045	139	629	3.40
374	**7**	**3633**	3.88	371	36,200	141		
372	**12**	**3733**	3.91	373	48,245	143		
357	**22**	**3833**	4.08	389	48,768	145		
404	**0.94**	**3431**	3.6	347	1,809	121	711	0.95
410	**1.58**	**3531**	3.55	342	4,205	123	721	1.34
413	**14**	**3733**	3.52	336	48,333	143		
417	**23**	**3833**	3.5	333	48,748	145		
457	**1.07**	**3431**	3.18	307	2,067	121	805	1.06
474	**1.60**	**3531**	3.07	296	4,420	123	834	1.45
472	**16**	**3733**	3.08	294	48,431	143		
457	**20**	**3833**	3.18	304	48,738	145		
513	**1.19**	**3431**	2.83	273	2,273	121	904	1.16
524	**1.78**	**3531**	2.77	267	4,306	123	923	1.50
505	**22**	**3833**	2.88	275	48,727	145		
573	**1.29**	**3431**	2.54	245	2,409	121	1008	1.25
596	**1.89**	**3531**	2.44	235	4,435	123	1049	1.59
669	**1.43**	**3431**	2.17	209	2,574	121	1178	1.38
646	**1.95**	**3531**	2.25	217	4,409	123	1138	1.64
739	**1.52**	**3431**	1.97	190	2,622	121	1301	1.48
727	**2.05**	**3531**	2	193	4,263	123	1280	1.72
838	**1.49**	**3431**	1.74	167	2,688	121	1475	1.44
814	**2.13**	**3531**	1.79	172	4,126	123	1434	1.79
935	**1.76**	**3431**	1.56	150	2,703	121	1646	1.69
909	**2.21**	**3531**	1.6	154	3,994	123	1600	1.86
1050	**1.73**	**3431**	1.38	134	2,695	121	1849	1.67
996	**2.28**	**3531**	1.46	141	3,884	123	1754	1.92
1174	**1.62**	**3431**	1.24	119	2,705	121	2068	1.56
1140	**2.37**	**3531**	1.28	123	3,728	123	2008	1.99

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
18.5 kW - 50 Hz		*LSES 180 MT IFT/IE2 - LSES 180 M IFT/IE3 LS 180 MT FCPL 54H1D*					**32.2 kW - 87 Hz***	
8.86	**0.79**	**3833**	164	19119	35,471	145		
10.0	**0.90**	**3833**	146	16936	39,061	145		
11.2	**1.00**	**3833**	130	15106	41,654	145		
12.7	**1.13**	**3833**	115	13392	43,741	145		
14.3	**0.85**	**3733**	102	11826	21,249	143		
14.1	**1.25**	**3833**	103	12001	45,191	145		
16.2	**0.96**	**3733**	89.9	10459	24,471	143		
15.8	**1.40**	**3833**	92	10700	46,348	145		
19.0	**1.10**	**3733**	76.8	8930	28,075	143		
17.9	**1.58**	**3833**	81.5	9483	47,259	145		
21.3	**1.19**	**3733**	68.3	7943	30,401	143		
20.3	**1.79**	**3833**	71.7	8340	47,962	145		
23.8	**1.27**	**3733**	61.2	7123	32,335	143		
23.1	**2.03**	**3833**	63.1	7343	48,454	145		
26.3	**1.35**	**3733**	55.4	6440	33,944	143		
26.2	**2.29**	**3833**	55.7	6477	48,791	145		
29.8	**1.45**	**3733**	48.8	5682	35,730	143		
28.8	**2.52**	**3833**	50.5	5875	48,975	145		
34.0	**0.81**	**3633**	42.8	5028	23,105	141		
33.4	**1.39**	**3833**	43.6	5128	49,147	145		
33.7	**1.55**	**3733**	43.2	5030	37,268	143		
37.3	**0.93**	**3633**	39	4586	24,347	141		
36.3	**1.62**	**3733**	40.2	4720	37,999	143		
37.4	**1.73**	**3833**	38.9	4573	49,233	145		
42.2	**1.04**	**3633**	34.5	4054	25,842	141		
40.5	**1.89**	**3733**	36	4226	39,163	143		
42.3	**2.28**	**3833**	34.4	4043	49,284	145		
48.3	**0.84**	**3533**	30.1	3543	11,234	139	84	0.82
46.9	**1.14**	**3633**	31.1	3653	26,971	141		
45.7	**2.31**	**3733**	31.8	3744	40,300	143		
47.4	**3.13**	**3833**	30.8	3615	49,301	145		
53.8	**0.93**	**3533**	27.1	3180	13,526	139	94	0.91
52.6	**1.26**	**3633**	27.7	3257	28,084	141		
51.3	**2.65**	**3733**	28.4	3339	41,253	143		
53.0	**3.62**	**3833**	27.5	3231	49,299	145		
60.5	**1.04**	**3533**	24.1	2831	15,730	139	106	1.00
57.2	**1.36**	**3633**	25.5	2995	28,820	141		
57.8	**2.94**	**3733**	25.2	2960	42,147	143		
59.4	**4**	**3833**	24.5	2884	49,283	145		
66.0	**1.13**	**3533**	22.1	2593	17,232	139	115	1.07
66.6	**1.55**	**3633**	21.9	2569	30,017	141		
64.5	**3.23**	**3733**	22.6	2653	42,872	143		
66.4	**5**	**3833**	21.9	2577	49,258	145		
76.3	**1.23**	**3533**	19.1	2242	19,230	139	133	1.17
72.6	**1.68**	**3633**	20	2357	30,616	141		
72.4	**3.56**	**3733**	20.1	2365	43,549	143		
74.6	**5**	**3833**	19.5	2296	49,225	145		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
18.5 kW - 50 Hz		*LSES 180 MT IFT/IE2 - LSES 180 M IFT/IE3 LS 180 MT FCPL 54H1D*					**32.2 kW - 87 Hz***	
84.5	**1.43**	**3533**	17.2	2027	18,985	139	147	1.27
82.1	**1.87**	**3633**	17.7	2084	31,382	141		
81.7	**3.95**	**3733**	17.8	2096	44,184	143		
83.8	**6**	**3833**	17.4	2043	49,188	145		
92.3	**0.83**	**3433**	15.8	1855	5,033	137		
96.0	**1.57**	**3533**	15.2	1783	18,637	139	168	1.38
96.2	**2.14**	**3633**	15.1	1780	32,238	141		
92.8	**4.41**	**3733**	15.7	1844	44,779	143		
94.6	**6**	**3833**	15.4	1809	49,147	145		
108	**0.96**	**3433**	13.5	1587	8,593	137	188	0.86
104	**1.65**	**3533**	14	1644	18,390	139	182	1.46
108	**2.37**	**3633**	13.5	1583	32,791	141		
105	**5**	**3733**	13.8	1623	45,298	143		
106	**7**	**3833**	13.7	1611	49,108	145		
119	**1.06**	**3433**	12.2	1438	9,900	137	208	0.92
117	**1.82**	**3533**	12.4	1461	18,017	139	205	1.58
121	**2.61**	**3633**	12.1	1419	33,251	141		
120	**5**	**3733**	12.2	1432	45,750	143		
117	**7**	**3833**	12.5	1467	49,077	145		
135	**1.16**	**3433**	10.8	1268	12,302	137	236	1.00
131	**1.95**	**3533**	11.1	1305	17,632	139	229	1.70
133	**2.86**	**3633**	10.9	1283	33,633	141		
132	**6**	**3733**	11	1299	46,064	143		
132	**8**	**3833**	11	1297	49,037	145		
151	**1.26**	**3433**	9.67	1137	13,613	137	263	1.07
146	**2.15**	**3533**	9.94	1169	17,247	139	256	1.83
151	**3.19**	**3633**	9.63	1132	34,058	141		
151	**7**	**3733**	9.64	1134	46,453	143		
146	**9**	**3833**	9.96	1171	49,005	145		
169	**1.35**	**3433**	8.6	1012	14,300	137	295	1.15
161	**2.28**	**3533**	9.07	1066	16,915	139	280	1.94
171	**3.55**	**3633**	8.53	1002	34,424	141		
169	**7**	**3733**	8.62	1013	46,736	143		
166	**10**	**3833**	8.75	1029	48,967	145		
189	**1.31**	**3433**	7.69	905	14,548	137	330	1.23
184	**2.50**	**3533**	7.92	931	16,415	139	321	2.12
191	**3.92**	**3633**	7.62	896	34,723	141		
190	**8**	**3733**	7.68	902	46,998	143		
180	**10**	**3833**	8.11	953	48,946	145		
212	**1.16**	**3433**	6.86	807	13,846	137	371	1.11
203	**1.65**	**3533**	7.18	844	15,822	139	354	1.58
212	**3.69**	**3633**	6.86	807	34,974	141		
211	**9**	**3733**	6.9	812	47,212	143		
210	**12**	**3833**	6.95	816	48,906	145		
234	**1.24**	**3433**	6.21	731	13,589	137	409	1.19
228	**1.82**	**3533**	6.38	750	15,400	139	398	1.74
237	**4.59**	**3633**	6.15	723	35,208	141		
235	**7**	**3733**	6.21	730	47,405	143		
230	**13**	**3833**	6.33	744	48,884	145		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
18.5 kW - 50 Hz		*LSES 180 MT IFT/IE2 - LSES 180 M IFT/IE3 LS 180 MT FCPL 54H1D*					**32.2 kW - 87 Hz***	
265	**0.86**	**3531**	5.5	653	2,268	123	462	0.83
266	**1.21**	**3433**	5.48	644	13,250	137	464	1.16
256	**1.95**	**3533**	5.7	670	14,988	139	446	1.86
262	**5**	**3633**	5.56	654	35,403	141		
259	**7**	**3733**	5.63	662	47,565	143		
263	**15**	**3833**	5.55	652	48,855	145		
300	**0.97**	**3531**	4.85	576	2,650	123	524	0.91
296	**1.43**	**3433**	4.91	578	12,942	137	517	1.36
285	**2.56**	**3533**	5.1	600	14,589	139	498	2.44
297	**5**	**3633**	4.91	577	35,620	141		
296	**8**	**3733**	4.91	578	47,763	143		
291	**16**	**3833**	5.01	588	48,835	145		
334	**1.08**	**3531**	4.35	517	2,917	123	584	0.98
333	**1.41**	**3433**	4.37	514	12,610	137	581	1.35
313	**2.69**	**3533**	4.66	547	14,255	139	546	2.56
335	**6**	**3633**	4.34	511	35,806	141		
331	**9**	**3733**	4.39	516	47,908	143		
331	**18**	**3833**	4.4	517	48,811	145		
376	**1.17**	**3531**	3.88	460	3,151	123	656	1.03
372	**1.31**	**3433**	3.91	460	12,285	137	650	1.25
358	**2.88**	**3533**	4.07	478	13,764	139	625	2.74
375	**6**	**3633**	3.88	457	35,958	141		
372	**10**	**3733**	3.91	460	48,041	143		
357	**18**	**3833**	4.08	479	48,799	145		
410	**1.28**	**3531**	3.55	422	3,087	123	716	1.08
414	**11**	**3733**	3.52	414	48,150	143		
417	**18**	**3833**	3.49	410	48,775	145		
458	**0.87**	**3431**	3.18	378	660	121	799	0.85
474	**1.29**	**3531**	3.07	365	3,456	123	828	1.17
472	**13**	**3733**	3.08	362	48,270	143		
458	**16**	**3833**	3.18	374	48,763	145		
514	**0.96**	**3431**	2.83	337	966	121	897	0.93
525	**1.44**	**3531**	2.77	329	3,385	123	916	1.21
506	**18**	**3833**	2.88	338	48,750	145		
574	**1.04**	**3431**	2.54	302	1,211	121	1001	1.00
596	**1.53**	**3531**	2.44	290	3,618	123	1041	1.28
670	**1.16**	**3431**	2.17	258	1,494	121	1170	1.11
647	**1.58**	**3531**	2.25	267	3,649	123	1130	1.32
740	**1.24**	**3431**	1.97	234	1,620	121	1292	1.19
728	**1.66**	**3531**	2	238	3,653	123	1271	1.39
839	**1.21**	**3431**	1.74	206	1,760	121	1465	1.16
815	**1.73**	**3531**	1.79	212	3,654	123	1424	1.44
936	**1.42**	**3431**	1.56	185	1,835	121	1634	1.36
910	**1.80**	**3531**	1.6	190	3,629	123	1589	1.50
1052	**1.41**	**3431**	1.38	164	1,914	121	1836	1.35
998	**1.85**	**3531**	1.46	173	3,602	123	1742	1.54
1176	**1.31**	**3431**	1.24	147	1,940	121	2053	1.25
1142	**1.93**	**3531**	1.28	151	3,541	123	1994	1.61

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
22 kW - 50 Hz		*LSES 180 LR IFT/IE2 - LSES 180 LUR IFT/IE3 LS 180 LR FCPL 54H1D*					**38.3 kW - 87 Hz***	
11.2	**0.84**	**3833**	130	17968	37,430	145		
12.7	**0.95**	**3833**	115	15929	40,534	145		
14.1	**1.05**	**3833**	103	14274	42,708	145		
16.2	**0.80**	**3733**	89.9	12440	19,800	143		
15.8	**1.18**	**3833**	92	12727	44,461	145		
19.0	**0.93**	**3733**	76.8	10622	24,087	143		
17.9	**1.33**	**3833**	81.5	11279	45,857	145		
21.3	**1.00**	**3733**	68.3	9448	26,854	143		
20.3	**1.50**	**3833**	71.7	9920	46,951	145		
23.8	**1.07**	**3733**	61.2	8472	29,155	143		
23.1	**1.70**	**3833**	63.1	8734	47,736	145		
26.3	**1.13**	**3733**	55.4	7660	31,068	143		
26.2	**1.93**	**3833**	55.7	7704	48,289	145		
29.8	**1.22**	**3733**	48.8	6759	33,193	143		
28.8	**2.12**	**3833**	50.5	6988	48,603	145		
33.4	**1.17**	**3833**	43.6	6100	48,911	145		
33.7	**1.31**	**3733**	43.2	5983	35,021	143		
37.3	**0.78**	**3633**	39	5455	21,904	141		
36.3	**1.36**	**3733**	40.2	5614	35,891	143		
37.4	**1.46**	**3833**	38.9	5440	49,083	145		
42.2	**0.88**	**3633**	34.5	4822	23,682	141		
40.5	**1.59**	**3733**	36	5027	37,275	143		
42.3	**1.91**	**3833**	34.4	4809	49,201	145		
46.9	**0.96**	**3633**	31.1	4345	25,026	141		
45.7	**1.95**	**3733**	31.8	4453	38,629	143		
47.4	**2.63**	**3833**	30.8	4299	49,263	145		
53.8	**0.78**	**3533**	27.1	3782	9,725	139		
52.6	**1.06**	**3633**	27.7	3874	26,349	141		
51.3	**2.23**	**3733**	28.4	3972	39,762	143		
53.0	**3.04**	**3833**	27.5	3843	49,295	145		
60.5	**0.88**	**3533**	24.1	3367	12,345	139		
57.2	**1.14**	**3633**	25.5	3563	27,225	141		
57.8	**2.47**	**3733**	25.2	3521	40,825	143		
59.4	**3.62**	**3833**	24.5	3430	49,302	145		
66.0	**0.95**	**3533**	22.1	3085	14,126	139		
66.6	**1.31**	**3633**	21.9	3056	28,649	141		
64.5	**2.71**	**3733**	22.6	3155	41,687	143		
66.4	**4.03**	**3833**	21.9	3066	49,294	145		
76.3	**1.04**	**3533**	19.1	2667	16,765	139		
72.6	**1.41**	**3633**	20	2803	29,361	141		
72.4	**2.99**	**3733**	20.1	2813	42,493	143		
74.6	**4**	**3833**	19.5	2731	49,272	145		
84.5	**1.20**	**3533**	17.2	2411	17,915	139	148	1.07
82.1	**1.57**	**3633**	17.7	2479	30,272	141		
81.7	**3.32**	**3733**	17.8	2493	43,248	143		
83.8	**5**	**3833**	17.4	2430	49,242	145		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
22 kW - 50 Hz		*LSES 180 LR IFT/IE2 - LSES 180 LUR IFT/IE3 LS 180 LR FCPL 54H1D*					**38.3 kW - 87 Hz***	
96.0	**1.32**	**3533**	15.2	2121	17,695	139	168	1.16
96.2	**1.80**	**3633**	15.1	2117	31,291	141		
92.8	**3.71**	**3733**	15.7	2193	43,956	143		
94.6	**5**	**3833**	15.4	2152	49,205	145		
108	**0.81**	**3433**	13.5	1888	4,570	137		
104	**1.39**	**3533**	14	1955	17,525	139	182	1.23
108	**2.00**	**3633**	13.5	1883	31,948	141		
105	**4.14**	**3733**	13.8	1931	44,574	143		
106	**6**	**3833**	13.7	1916	49,167	145		
119	**0.89**	**3433**	12.2	1710	7,003	137		
117	**1.53**	**3533**	12.4	1738	17,245	139	205	1.33
121	**2.20**	**3633**	12.1	1688	32,495	141		
120	**4.62**	**3733**	12.2	1703	45,111	143		
117	**6**	**3833**	12.5	1745	49,135	145		
135	**0.98**	**3433**	10.8	1508	9,575	137	236	0.84
131	**1.64**	**3533**	11.1	1552	16,944	139	229	1.43
133	**2.40**	**3633**	10.9	1526	32,950	141		
132	**5**	**3733**	11	1545	45,484	143		
132	**7**	**3833**	11	1543	49,094	145		
151	**1.06**	**3433**	9.67	1352	11,394	137	263	0.9
146	**1.81**	**3533**	9.94	1390	16,630	139	256	1.54
151	**2.68**	**3633**	9.63	1347	33,455	141		
151	**6**	**3733**	9.64	1348	45,947	143		
146	**7**	**3833**	9.96	1393	49,060	145		
169	**1.14**	**3433**	8.6	1203	12,964	137	296	0.97
161	**1.92**	**3533**	9.07	1268	16,352	139	281	1.64
171	**2.99**	**3633**	8.53	1192	33,890	141		
169	**6**	**3733**	8.62	1205	46,284	143		
166	**8**	**3833**	8.75	1224	49,019	145		
189	**1.10**	**3433**	7.69	1076	13,968	137	331	1.03
184	**2.10**	**3533**	7.92	1108	15,922	139	321	1.79
191	**3.30**	**3633**	7.62	1066	34,246	141		
190	**7**	**3733**	7.68	1073	46,595	143		
180	**8**	**3833**	8.11	1134	48,995	145		
212	**0.98**	**3433**	6.86	959	13,260	137		
203	**1.39**	**3533**	7.18	1004	15,335	139	355	1.33
212	**3.10**	**3633**	6.86	959	34,544	141		
211	**8**	**3733**	6.9	965	46,849	143		
210	**10**	**3833**	6.95	971	48,951	145		
234	**1.04**	**3433**	6.21	869	13,057	137	410	1.00
228	**1.53**	**3533**	6.38	892	14,968	139	399	1.47
237	**3.85**	**3633**	6.15	860	34,823	141		
235	**5**	**3733**	6.21	868	47,079	143		
230	**11**	**3833**	6.33	885	48,926	145		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
22 kW - 50 Hz		*LSES 180 LR IFT/IE2 - LSES 180 LUR IFT/IE3 LS 180 LR FCPL 54H1D*					**38.3 kW - 87 Hz***	
266	**1.02**	**3433**	5.48	766	12,780	137	465	0.98
256	**1.64**	**3533**	5.7	797	14,601	139	447	1.57
262	**4.17**	**3633**	5.56	778	35,055	141		
259	**6**	**3733**	5.63	787	47,269	143		
263	**12**	**3833**	5.55	775	48,894	145		
300	**0.81**	**3531**	4.85	685	1,270	123		
296	**1.2**	**3433**	4.91	687	12,522	137	518	1.15
285	**2.15**	**3533**	5.1	714	14,242	139	499	2.05
297	**4.57**	**3633**	4.91	686	35,312	141		
296	**7**	**3733**	4.91	687	47,505	143		
291	**13**	**3833**	5.01	700	48,870	145		
334	**0.91**	**3531**	4.35	615	1,652	123		
333	**1.18**	**3433**	4.37	611	12,237	137	582	1.13
313	**2.26**	**3533**	4.66	651	13,938	139	547	2.16
335	**5**	**3633**	4.34	608	35,534	141		
331	**8**	**3733**	4.39	614	47,677	143		
331	**15**	**3833**	4.4	615	48,844	145		
376	**0.98**	**3531**	3.88	547	2,003	123		
372	**1.10**	**3433**	3.91	547	11,950	137	651	1.06
358	**2.42**	**3533**	4.07	569	13,487	139	626	2.31
375	**5**	**3633**	3.88	543	35,715	141		
372	**9**	**3733**	3.91	547	47,836	143		
357	**15**	**3833**	4.08	570	48,829	145		
410	**1.08**	**3531**	3.55	501	1,988	123		
414	**9**	**3733**	3.52	492	47,965	143		
417	**16**	**3833**	3.49	488	48,802	145		
474	**1.09**	**3531**	3.07	434	2,496	123		
472	**11**	**3733**	3.08	431	48,109	143		
458	**13**	**3833**	3.18	445	48,787	145		
514	**0.81**	**3431**	2.83	400	15	121		
525	**1.21**	**3531**	2.77	392	2,453	123	918	1.02
506	**15**	**3833**	2.88	402	48,773	145		
574	**0.88**	**3431**	2.54	359	15	121		
596	**1.29**	**3531**	2.44	345	2,804	123	1043	1.08
670	**0.98**	**3431**	2.17	307	418	121		
647	**1.33**	**3531**	2.25	318	2,876	123	1132	1.11
740	**1.04**	**3431**	1.97	278	622	121	1294	1.00
728	**1.40**	**3531**	2	283	2,944	123	1273	1.17
839	**1.02**	**3431**	1.74	245	835	121	1467	0.98
815	**1.45**	**3531**	1.79	252	3,000	123	1426	1.22
936	**1.20**	**3431**	1.56	220	970	121	1637	1.15
910	**1.51**	**3531**	1.6	226	3,015	123	1591	1.26
1052	**1.18**	**3431**	1.38	196	1,085	121	1839	1.13
998	**1.56**	**3531**	1.46	206	3,019	123	1744	1.30
1176	**1.10**	**3431**	1.24	175	1,179	121	2056	1.06
1142	**1.62**	**3531**	1.28	180	2,998	123	1997	1.35

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
30 kW - 50 Hz			*LSES 200 LR IFT/IE2 - LSES 200 LU IFT/IE3 LS 200 LT FCPL 54H1D + CDF7*				**52.2 kW - 87 Hz***	
15.9	**0.87**	**3833**	92	17313	38,479	145		
17.9	**0.98**	**3833**	81.5	15343	41,340	145		
20.4	**1.11**	**3833**	71.7	13494	43,626	145		
23.8	**0.79**	**3733**	61.2	11524	21,960	143		
23.1	**1.25**	**3833**	63.1	11882	45,305	145		
26.4	**0.83**	**3733**	55.4	10421	24,562	143		
26.2	**1.42**	**3833**	55.7	10480	46,526	145		
29.9	**0.89**	**3733**	48.8	9194	27,453	143		
28.9	**1.56**	**3833**	50.5	9505	47,244	145		
33.8	**0.96**	**3733**	43.2	8139	29,940	143		
33.1	**1.78**	**3833**	44.1	8297	47,985	145		
37.8	**1.03**	**3733**	38.7	7275	31,977	143		
37.1	**1.98**	**3833**	39.4	7416	48,422	145		
40.3	**1.05**	**3733**	36.3	6827	33,032	143		
41.6	**2.22**	**3833**	35.1	6605	48,747	145		
45.6	**1.13**	**3733**	32	6022	34,931	143		
47.5	**1.93**	**3833**	30.8	5848	48,982	145		
51.4	**1.64**	**3733**	28.4	5403	36,389	143		
53.1	**2.24**	**3833**	27.5	5227	49,128	145		
58.0	**1.81**	**3733**	25.2	4790	37,835	143		
59.5	**2.66**	**3833**	24.5	4665	49,221	145		
66.8	**0.96**	**3633**	21.9	4157	25,553	141		
64.7	**1.99**	**3733**	22.6	4292	39,008	143		
66.6	**2.96**	**3833**	21.9	4170	49,275	145		
72.8	**1.04**	**3633**	20	3813	26,521	141		
72.6	**2.20**	**3733**	20.1	3827	40,104	143		
74.8	**3.11**	**3833**	19.5	3715	49,299	145		
84.7	**0.89**	**3533**	17.2	3279	12,901	139	148	0.78
82.4	**1.15**	**3633**	17.7	3372	27,761	141		
81.9	**2.44**	**3733**	17.8	3391	41,131	143		
84.0	**3.57**	**3833**	17.4	3306	49,301	145		
96.2	**0.97**	**3533**	15.2	2885	15,388	139	168	0.85
96.5	**1.32**	**3633**	15.1	2879	29,147	141		
93.1	**2.73**	**3733**	15.7	2983	42,094	143		
94.9	**3.79**	**3833**	15.4	2927	49,286	145		
104	**1.02**	**3533**	14	2659	15,542	139	183	0.90
108	**1.47**	**3633**	13.5	2561	30,041	141		
106	**3.04**	**3733**	13.8	2626	42,934	143		
107	**4**	**3833**	13.7	2606	49,261	145		
117	**1.13**	**3533**	12.4	2364	15,480	139	206	0.98
121	**1.61**	**3633**	12.1	2296	30,785	141		
120	**3.39**	**3733**	12.2	2316	43,664	143		
117	**4**	**3833**	12.5	2373	49,235	145		
132	**1.20**	**3533**	11.1	2111	15,368	139	230	1.05
134	**1.76**	**3633**	10.9	2076	31,404	141		
132	**3.69**	**3733**	11	2101	44,172	143		
132	**5**	**3833**	11	2099	49,197	145		

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
30 kW - 50 Hz		*LSES 200 LR IFT/IE2 - LSES 200 LU IFT/IE3 LS 200 LT FCPL 54H1D + CDF7*					**52.2 kW - 87 Hz***	
147	**1.33**	**3533**	9.94	1891	15,217	139	257	1.13
152	**1.97**	**3633**	9.63	1832	32,091	141		
151	**4.16**	**3733**	9.64	1834	44,802	143		
147	**5**	**3833**	9.96	1895	49,163	145		
161	**1.41**	**3533**	9.07	1725	15,060	139	282	1.20
171	**2.19**	**3633**	8.53	1622	32,682	141		
169	**4.58**	**3733**	8.62	1639	45,260	143		
167	**6**	**3833**	8.75	1665	49,119	145		
184	**1.54**	**3533**	7.92	1507	14,793	139	323	1.31
192	**2.42**	**3633**	7.62	1450	33,166	141		
189	**5**	**3833**	7.73	1471	49,078	145		
190	**5**	**3733**	7.68	1460	45,683	143		
203	**1.02**	**3533**	7.18	1365	14,219	139	356	0.98
204	**2.56**	**3633**	7.15	1360	33,417	141		
207	**3.58**	**3733**	7.04	1338	45,970	143		
212	**8**	**3833**	6.88	1309	49,040	145		
229	**1.13**	**3533**	6.38	1214	13,970	139	401	1.08
237	**2.83**	**3633**	6.15	1170	33,952	141		
235	**4**	**3733**	6.21	1180	46,342	143		
233	**8**	**3833**	6.27	1192	49,011	145		
256	**1.20**	**3533**	5.7	1084	13,712	139	449	1.15
262	**3.06**	**3633**	5.56	1058	34,267	141		
259	**4**	**3733**	5.63	1071	46,601	143		
263	**9**	**3833**	5.55	1055	48,974	145		
286	**1.58**	**3533**	5.1	971	13,445	139	501	1.51
297	**3.36**	**3633**	4.91	934	34,617	141		
297	**5**	**3733**	4.91	935	46,922	143		
292	**10**	**3833**	5.01	952	48,946	145		
314	**1.66**	**3533**	4.66	886	13,208	139	549	1.59
336	**3.68**	**3633**	4.34	826	34,918	141		
332	**6**	**3733**	4.39	835	47,156	143		
332	**11**	**3833**	4.4	836	48,912	145		
359	**1.78**	**3533**	4.07	774	12,849	139	628	1.70
376	**3.70**	**3633**	3.88	739	35,165	141		
373	**6**	**3733**	3.91	744	47,371	143		
401	**3.48**	**3633**	3.64	693	35,293	141		
454	**3.43**	**3633**	3.21	611	35,523	141		
526	**0.89**	**3531**	2.77	533	359	123		
598	**0.95**	**3531**	2.44	469	962	123	1047	0.79
649	**0.98**	**3531**	2.25	432	1,139	123	1136	0.82
730	**1.02**	**3531**	2	384	1,347	123	1278	0.86
818	**1.07**	**3531**	1.79	343	1,503	123	1431	0.89
913	**1.11**	**3531**	1.6	307	1,627	123	1598	0.93
1000	**1.14**	**3531**	1.46	280	1,704	123	1751	0.96
1145	**1.19**	**3531**	1.28	245	1,775	123	2005	0.99

87Hz 400VY triangle-coupled motor supplied by drive*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
37 kW - 50 Hz		*LSES 225 ST IFT/IE2 - LSES 225 SR IFT/IE3 LS 225 ST FCPL 54H1D + CDF7*					**64.4 kW - 87 Hz**	
18.0	**0.80**	**3833**	81.5	18822	35,990	145		
20.5	**0.90**	**3833**	71.7	16554	39,632	145		
23.3	**1.02**	**3833**	63.1	14576	42,335	145		
26.4	**1.15**	**3833**	55.7	12856	44,325	145		
29.1	**1.27**	**3833**	50.5	11661	45,512	145		
34.0	**0.78**	**3733**	43.2	9985	25,589	143		
33.3	**1.45**	**3833**	44.1	10178	46,759	145		
38.0	**0.84**	**3733**	38.7	8925	28,088	143		
37.3	**1.62**	**3833**	39.4	9098	47,512	145		
40.5	**0.86**	**3733**	36.3	8375	29,382	143		
41.8	**1.81**	**3833**	35.1	8103	48,089	145		
45.9	**0.92**	**3733**	32	7387	31,712	143		
46.5	**2.01**	**3833**	31.6	7288	48,478	145		
53.1	**2.28**	**3833**	27.7	6387	48,821	145		
59.8	**2.17**	**3833**	24.5	5723	49,015	145		
65.1	**1.62**	**3733**	22.6	5265	36,713	143		
67.0	**2.41**	**3833**	21.9	5116	49,149	145		
73.0	**1.79**	**3733**	20.1	4695	38,058	143		
75.2	**2.53**	**3833**	19.5	4557	49,235	145		
82.8	**0.94**	**3633**	17.7	4137	25,610	141		
82.3	**1.99**	**3733**	17.8	4161	39,318	143		
84.5	**2.90**	**3833**	17.4	4055	49,283	145		
97.0	**1.08**	**3633**	15.1	3532	27,311	141		
93.6	**2.22**	**3733**	15.7	3659	40,499	143		
95.4	**3.09**	**3833**	15.4	3591	49,302	145		
109	**1.20**	**3633**	13.5	3142	28,408	141		
106	**2.48**	**3733**	13.8	3222	41,530	143		
107	**3.46**	**3833**	13.7	3197	49,298	145		
122	**1.32**	**3633**	12.1	2817	29,321	141		
121	**2.76**	**3733**	12.2	2842	42,426	143		
118	**3.61**	**3833**	12.5	2911	49,285	145		
134	**1.44**	**3633**	10.9	2547	30,080	141		
133	**3.01**	**3733**	11	2578	43,049	143		
133	**4**	**3833**	11	2575	49,258	145		
152	**1.61**	**3633**	9.63	2247	30,923	141		
152	**3.39**	**3733**	9.64	2250	43,821	143		
147	**4**	**3833**	9.96	2324	49,229	145		
172	**1.79**	**3633**	8.53	1989	31,648	141		
170	**3.73**	**3733**	8.62	2011	44,384	143		
168	**5**	**3833**	8.75	2042	49,188	145		
193	**1.97**	**3633**	7.62	1778	32,242	141		
191	**4.13**	**3733**	7.68	1791	44,903	143		
181	**5**	**3833**	8.11	1892	49,163	145		
205	**2.09**	**3633**	7.15	1669	32,550	141		
213	**4.54**	**3733**	6.9	1611	45,327	143		
211	**6**	**3833**	6.95	1620	49,110	145		

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MI-MU	i	M (Nm)	F_R E/2 (N)	Dim. MI <——> page	N_S (min^{-1})	Kp
37 kW - 50 Hz		*LSES 225 ST IFT/IE2 - LSES 225 SR IFT/IE3 LS 225 ST FCPL 54H1D + CDF7*					**64.4 kW - 87 Hz**	
239	**2.30**	**3633**	6.15	1436	33,206	141		
237	**3.29**	**3733**	6.21	1448	45,711	143		
232	**6**	**3833**	6.33	1477	49,079	145		
264	**2.49**	**3633**	5.56	1298	33,592	141		
261	**3.61**	**3733**	5.63	1313	46,029	143		
265	**7**	**3833**	5.55	1294	49,036	145		
299	**2.74**	**3633**	4.91	1145	34,022	141		
299	**4**	**3733**	4.91	1146	46,422	143		
293	**8**	**3833**	5.01	1168	49,004	145		
338	**3**	**3633**	4.34	1014	34,391	141		
334	**5**	**3733**	4.39	1025	46,709	143		
334	**9**	**3833**	4.4	1026	48,966	145		
378	**3.02**	**3633**	3.88	906	34,694	141		
375	**5**	**3733**	3.91	913	46,973	143		
360	**9**	**3833**	4.08	951	48,945	145		
403	**2.83**	**3633**	3.64	850	34,851	141		
417	**6**	**3733**	3.52	821	47,190	143		
421	**9**	**3833**	3.49	814	48,905	145		
457	**2.80**	**3633**	3.21	750	35,133	141		
476	**6**	**3733**	3.08	719	47,429	143		
461	**8**	**3833**	3.18	742	48,884	145		
510	**9**	**3833**	2.88	671	48,862	145		

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MU	i	M (Nm)	F_R E/2 (N)	Dim. MU* <——> pages	N_S (min^{-1})	Kp
45 kW - 50 Hz		*LSES 225 MR IFT/IE2 - LSES 225 MG IFT/IE3 LS 225 MR FCPL 54H1D + CDF7*					**78.3 kW - 87 Hz**	
23.3	**0.84**	**3833**	63.1	17730	37,817	145+148		
26.4	**0.95**	**3833**	55.7	15638	40,939	145+148		
29.1	**1.04**	**3833**	50.5	14184	42,818	145+148		
33.3	**1.19**	**3833**	44.1	12380	44,817	145+148		
37.3	**1.33**	**3833**	39.4	11067	46,041	145+148		
41.8	**1.49**	**3833**	35.1	9856	46,998	145+148		
46.5	**1.65**	**3833**	31.6	8865	47,657	145+148		
53.1	**1.87**	**3833**	27.7	7769	48,258	145+148		
59.8	**1.78**	**3833**	24.5	6962	48,613	145+148		
65.1	**1.33**	**3733**	22.6	6405	34,028	143+148		
67.0	**1.98**	**3833**	21.9	6223	48,874	145+148		
73.0	**1.47**	**3733**	20.1	5711	35,664	143+148		
75.2	**2.08**	**3833**	19.5	5543	49,059	145+148		
82.3	**1.63**	**3733**	17.8	5061	37,196	143+148		
84.5	**2.39**	**3833**	17.4	4933	49,181	145+148		
97.0	**0.89**	**3633**	15.1	4296	25,162	141+148		
93.6	**1.83**	**3733**	15.7	4451	38,633	143+148		
95.4	**2.54**	**3833**	15.4	4368	49,257	145+148		
109	**0.98**	**3633**	13.5	3821	26,497	141+148		
106	**2.04**	**3733**	13.8	3919	39,887	143+148		
107	**2.85**	**3833**	13.7	3888	49,293	145+148		
122	**1.08**	**3633**	12.1	3427	27,607	141+148		
121	**2.27**	**3733**	12.2	3457	40,977	143+148		
118	**2.97**	**3833**	12.5	3541	49,302	145+148		
134	**1.18**	**3633**	10.9	3098	28,530	141+148		
133	**2.47**	**3733**	11	3135	41,734	143+148		
133	**3.35**	**3833**	11	3132	49,296	145+148		
152	**1.32**	**3633**	9.63	2734	29,555	141+148		
152	**2.78**	**3733**	9.64	2737	42,674	143+148		
147	**3.62**	**3833**	9.96	2827	49,280	145+148		
172	**1.47**	**3633**	8.53	2420	30,438	141+148		
170	**3.07**	**3733**	8.62	2446	43,358	143+148		
168	**3.98**	**3833**	8.75	2484	49,248	145+148		
193	**1.62**	**3633**	7.62	2163	31,160	141+148		
191	**3.40**	**3733**	7.68	2179	43,990	143+148		
181	**4**	**3833**	8.11	2302	49,226	145+148		
205	**1.72**	**3633**	7.15	2030	31,534	141+148		
213	**3.73**	**3733**	6.9	1960	44,506	143+148		
211	**5**	**3833**	6.95	1971	49,176	145+148		
239	**1.89**	**3633**	6.15	1746	32,332	141+148		
237	**2.70**	**3733**	6.21	1761	44,973	143+148		
232	**5**	**3833**	6.33	1797	49,145	145+148		
264	**2.05**	**3633**	5.56	1579	32,803	141+148		
261	**2.97**	**3733**	5.63	1598	45,359	143+148		
265	**6**	**3833**	5.55	1574	49,100	145+148		

** 1st page for gearbox only, 2nd page for motor + MU*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MU	i	M (Nm)	F_R E/2 (N)	Dim. MU* <——> page	N_S (min^{-1})	Kp
45 kW - 50 Hz			*LSES 225 MR IFT/IE2 - LSES 225 MG IFT/IE3 LS 225 MR FCPL 54H1D + CDF7*				**78.3 kW - 87 Hz**	
299	**2.25**	**3633**	4.91	1393	33,325	141+148		
299	**3.37**	**3733**	4.91	1395	45,838	143+148		
293	**7**	**3833**	5.01	1421	49,066	145+148		
338	**2.46**	**3633**	4.34	1233	33,775	141+148		
334	**3.75**	**3733**	4.39	1247	46,186	143+148		
334	**7**	**3833**	4.4	1248	49,025	145+148		
378	**2.48**	**3633**	3.88	1102	34,143	141+148		
375	**4.18**	**3733**	3.91	1110	46,508	143+148		
360	**7**	**3833**	4.08	1157	49,001	145+148		
403	**2.33**	**3633**	3.64	1034	34,334	141+148		
417	**4.62**	**3733**	3.52	999	46,771	143+148		
421	**8**	**3833**	3.49	990	48,956	145+148		
457	**2.30**	**3633**	3.21	912	34,677	141+148		
476	**5**	**3733**	3.08	875	47,062	143+148		
461	**7**	**3833**	3.18	903	48,932	145+148		
510	**7**	**3833**	2.88	817	48,906	145+148		

** 1st page for gearbox only, 2nd page for motor + MU*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MU	i	M (Nm)	F_R E/2 (N)	Dim. MU* <——> page	N_S (min^{-1})	Kp
55 kW - 50 Hz		*LSES 250 ME IFT/IE2 - LSES 250 ME IFT/IE3 LS 250 ME FCPL 60H2D*					**95.7 kW - 87 Hz**	
26.6	**0.78**	**3833**	55.7	18985	35,706	145+148		
29.3	**0.86**	**3833**	50.5	17220	38,623	145+148		
33.5	**0.98**	**3833**	44.1	15031	41,753	145+148		
37.5	**1.09**	**3833**	39.4	13436	43,691	145+148		
42.1	**1.22**	**3833**	35.1	11966	45,225	145+148		
46.8	**1.36**	**3833**	31.6	10763	46,297	145+148		
53.4	**1.54**	**3833**	27.7	9432	47,294	145+148		
60.3	**1.46**	**3833**	24.5	8452	47,899	145+148		
65.5	**1.10**	**3733**	22.6	7776	30,796	143+148		
67.4	**1.63**	**3833**	21.9	7555	48,359	145+148		
73.5	**1.21**	**3733**	20.1	6933	32,782	143+148		
75.7	**1.71**	**3833**	19.5	6730	48,701	145+148		
82.9	**1.34**	**3733**	17.8	6144	34,642	143+148		
85.0	**1.96**	**3833**	17.4	5989	48,943	145+148		
94.2	**1.50**	**3733**	15.7	5404	36,387	143+148		
96.0	**2.08**	**3833**	15.4	5303	49,112	145+148		
110	**0.81**	**3633**	13.5	4639	24,197	141+148		
107	**1.68**	**3733**	13.8	4758	37,909	143+148		
108	**2.34**	**3833**	13.7	4721	49,214	145+148		
122	**0.89**	**3633**	12.1	4160	25,545	141+148		
121	**1.87**	**3733**	12.2	4197	39,233	143+148		
118	**2.44**	**3833**	12.5	4299	49,263	145+148		
135	**0.97**	**3633**	10.9	3762	26,665	141+148		
134	**2.03**	**3733**	11	3806	40,152	143+148		
134	**2.75**	**3833**	11	3803	49,296	145+148		
153	**1.09**	**3633**	9.63	3319	27,910	141+148		
153	**2.29**	**3733**	9.64	3322	41,293	143+148		
148	**2.97**	**3833**	9.96	3433	49,303	145+148		
173	**1.21**	**3633**	8.53	2938	28,981	141+148		
171	**2.53**	**3733**	8.62	2970	42,124	143+148		
169	**3.27**	**3833**	8.75	3016	49,291	145+148		
194	**1.34**	**3633**	7.62	2626	29,858	141+148		
193	**2.80**	**3733**	7.68	2645	42,890	143+148		
182	**3.36**	**3833**	8.11	2795	49,277	145+148		
207	**1.41**	**3633**	7.15	2464	30,313	141+148		
214	**3.07**	**3733**	6.9	2379	43,517	143+148		
213	**3.96**	**3833**	6.95	2393	49,238	145+148		
240	**1.56**	**3633**	6.15	2120	31,281	141+148		
244	**3.45**	**3733**	6.05	2085	44,211	143+148		
233	**4**	**3833**	6.33	2182	49,209	145+148		
266	**1.68**	**3633**	5.56	1917	31,852	141+148		
263	**2.44**	**3733**	5.63	1940	44,553	143+148		
267	**5**	**3833**	5.55	1911	49,166	145+148		
301	**1.85**	**3633**	4.91	1691	32,487	141+148		
301	**2.78**	**3733**	4.91	1693	45,134	143+148		
295	**5**	**3833**	5.01	1725	49,131	145+148		

** 1st page for gearbox only, 2nd page for motor + MU*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MU	i	M (Nm)	F_R E/2 (N)	Dim. MU* < —— > page	N_S (min^{-1})	Kp
55 kW - 50 Hz			*LSES 250 ME IFT/IE2 - LSES 250 ME IFT/IE3 LS 250 ME FCPL 60H2D*				**95.7 kW - 87 Hz**	
340	**2.03**	**3633**	4.34	1497	33,032	141+148		
336	**3.09**	**3733**	4.39	1513	45,557	143+148		
336	**6**	**3833**	4.4	1515	49,088	145+148		
381	**2.04**	**3633**	3.88	1338	33,479	141+148		
378	**3.44**	**3733**	3.91	1348	45,948	143+148		
363	**6**	**3833**	4.08	1404	49,062	145+148		
406	**1.92**	**3633**	3.64	1256	33,711	141+148		
420	**3.80**	**3733**	3.52	1212	46,267	143+148		
424	**6**	**3833**	3.49	1202	49,013	145+148		
460	**1.89**	**3633**	3.21	1108	34,128	141+148		
479	**4**	**3733**	3.08	1062	46,621	143+148		
465	**5**	**3833**	3.18	1096	48,985	145+148		
514	**6**	**3833**	2.88	992	48,957	145+148		

** 1st page for gearbox only, 2nd page for motor + MU*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MU	i	M (Nm)	F_R E/2 (N)	Dim. MU* < —— > page	N_S (min^{-1})	Kp
75 kW - 50 Hz		*LSES 280 SD IFT/IE2 - LSES 280 SD IFT/IE3 LS 280 SC FCPL 60H2D*					**130 kW - 87 Hz**	
37.5	**0.80**	**3833**	39.4	18324	36,840	145+148		
42.1	**0.90**	**3833**	35.1	16319	39,977	145+148		
46.8	**1.00**	**3833**	31.6	14678	42,206	145+148		
53.4	**1.13**	**3833**	27.7	12863	44,318	145+148		
75.7	**1.25**	**3833**	19.5	9178	47,461	145+148		
85.0	**1.44**	**3833**	17.4	8167	48,055	145+148		
96.0	**1.53**	**3833**	15.4	7232	48,502	145+148		
108	**1.71**	**3833**	13.7	6438	48,804	145+148		
118	**1.79**	**3833**	12.5	5864	48,978	145+148		
134	**1.49**	**3733**	11	5191	36,888	143+148		
134	**2.02**	**3833**	11	5186	49,136	145+148		
153	**1.68**	**3733**	9.64	4531	38,444	143+148		
148	**2.18**	**3833**	9.96	4681	49,219	145+148		
171	**1.85**	**3733**	8.62	4050	39,577	143+148		
169	**2.40**	**3833**	8.75	4113	49,279	145+148		
193	**2.05**	**3733**	7.68	3607	40,622	143+148		
182	**2.47**	**3833**	8.11	3811	49,296	145+148		
214	**2.25**	**3733**	6.9	3244	41,477	143+148		
213	**2.90**	**3833**	6.95	3264	49,300	145+148		
244	**2.53**	**3733**	6.05	2843	42,423	143+148		
233	**3.11**	**3833**	6.33	2975	49,289	145+148		
263	**1.79**	**3733**	5.63	2645	42,889	143+148		
267	**3.66**	**3833**	5.55	2606	49,261	145+148		
301	**2.04**	**3733**	4.91	2309	43,682	143+148		
295	**3.97**	**3833**	5.01	2352	49,232	145+148		
336	**2.26**	**3733**	4.39	2064	44,260	143+148		
336	**4.41**	**3833**	4.4	2067	49,192	145+148		
378	**2.53**	**3733**	3.91	1838	44,792	143+148		
363	**4.43**	**3833**	4.08	1915	49,167	145+148		
420	**2.79**	**3733**	3.52	1653	45,228	143+148		
424	**4.61**	**3833**	3.49	1640	49,114	145+148		
479	**3.16**	**3733**	3.08	1449	45,710	143+148		
465	**3.97**	**3833**	3.18	1495	49,083	145+148		
514	**4.51**	**3833**	2.88	1352	49,050	145+148		

** 1st page for gearbox only, 2nd page for motor + MU*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MU	i	M (Nm)	F_R E/2 (N)	Dim. MU* < —— > page	N_S (min^{-1})	Kp
90 kW - 50 Hz		*LSES 280 MD IFT/IE2 - LSES 280 MD IFT/IE3 LS 280 MD FCPL 60H2D + CDF7*					**157 kW - 87 Hz**	
46.8	**0.83**	**3833**	31.6	17615	38,002	145+148		
53.4	**0.94**	**3833**	27.7	15436	41,214	145+148		
75.7	**1.04**	**3833**	19.5	11014	46,087	145+148		
85.0	**1.20**	**3833**	17.4	9801	47,037	145+148		
96.0	**1.27**	**3833**	15.4	8679	47,769	145+148		
108	**1.43**	**3833**	13.7	7726	48,278	145+148		
118	**1.49**	**3833**	12.5	7037	48,583	145+148		
134	**1.68**	**3833**	11	6224	48,873	145+148		
148	**1.82**	**3833**	9.96	5618	49,041	145+148		
169	**2.00**	**3833**	8.75	4936	49,181	145+148		
182	**2.06**	**3833**	8.11	4574	49,233	145+148		
213	**2.42**	**3833**	6.95	3916	49,291	145+148		
233	**2.59**	**3833**	6.33	3571	49,302	145+148		
267	**3.05**	**3833**	5.55	3127	49,296	145+148		
295	**3.31**	**3833**	5.01	2823	49,279	145+148		
336	**3.67**	**3833**	4.4	2480	49,248	145+148		
363	**3.70**	**3833**	4.08	2298	49,226	145+148		
424	**3.84**	**3833**	3.49	1968	49,176	145+148		
465	**3.31**	**3833**	3.18	1794	49,145	145+148		
514	**3.76**	**3833**	2.88	1623	49,111	145+148		

** 1st page for gearbox only, 2nd page for motor + MU*

Selection tables

Compabloc: Cb / LS, LSES motors / 4 poles

LS, LSES 1500 min^{-1} - 50 Hz		Cb - Gearbox					LS, LSES 2600 min^{-1} - 87 Hz	
N_S (min^{-1})	Kp	Cb / MU	i	M (Nm)	F_R E/2 (N)	Dim. MU* < —— > page	N_S (min^{-1})	Kp
110 kW - 50 Hz		*LSES 315 SP IFT/IE2 - LSES 315 SP IFT/IE3 LS 315 SN FCPL 60H2D + CDF7*					**191 kW - 87 Hz**	
53.8	**0.78**	**3833**	27.7	18740	0	145+148		
76.2	**0.86**	**3833**	19.5	13372	0	145+148		
85.6	**0.98**	**3833**	17.4	11899	0	145+148		
96.7	**1.05**	**3833**	15.4	10536	0	145+148		
109	**1.17**	**3833**	13.7	9380	0	145+148		
119	**1.23**	**3833**	12.5	8543	0	145+148		
135	**1.38**	**3833**	11	7556	0	145+148		
149	**1.49**	**3833**	9.96	6821	0	145+148		
170	**1.64**	**3833**	8.75	5993	0	145+148		
183	**1.69**	**3833**	8.11	5553	0	145+148		
214	**1.99**	**3833**	6.95	4755	0	145+148		
235	**2.13**	**3833**	6.33	4335	0	145+148		
268	**2.51**	**3833**	5.55	3797	0	145+148		
297	**2.72**	**3833**	5.01	3427	0	145+148		
338	**3.02**	**3833**	4.4	3011	0	145+148		
365	**3.04**	**3833**	4.08	2790	0	145+148		
426	**3.16**	**3833**	3.49	2389	0	145+148		
468	**2.72**	**3833**	3.18	2178	0	145+148		
517	**3.10**	**3833**	2.88	1970	0	145+148		

** 1st page for gearbox only, 2nd page for motor + MU*

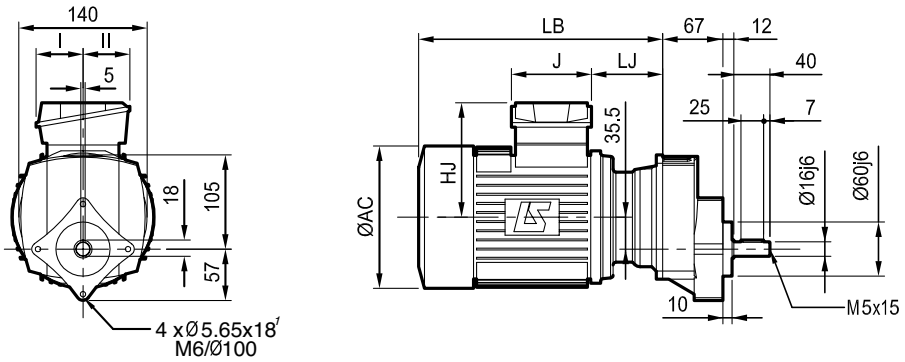
Dimensions
Cb 3031 - Built-in mounting MI

Dimensions in millimetres

Tapped form BT

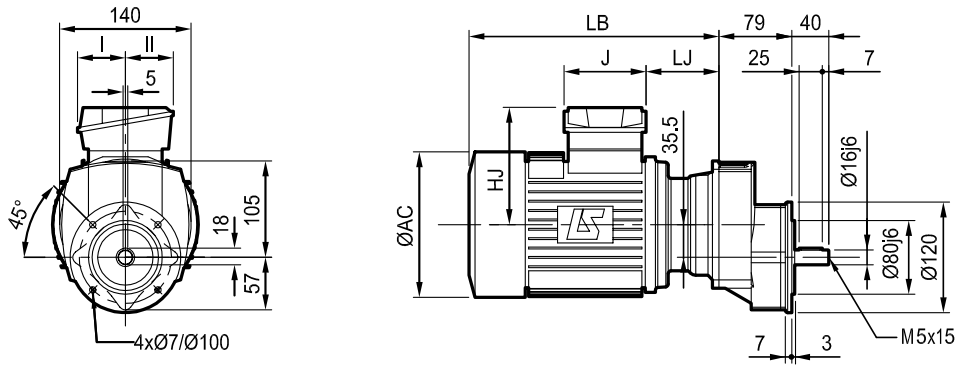
Cb: 2.3 kg + Motor

1. for self-threading screw



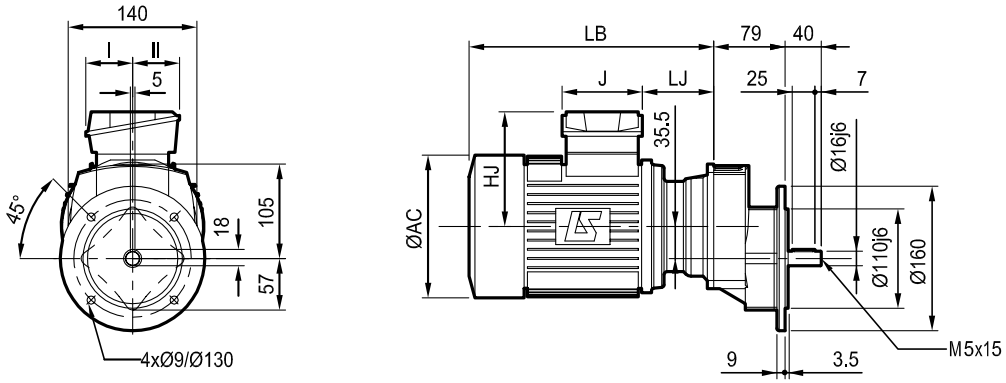
Flange BD1

Cb: 2.5 kg + Motor



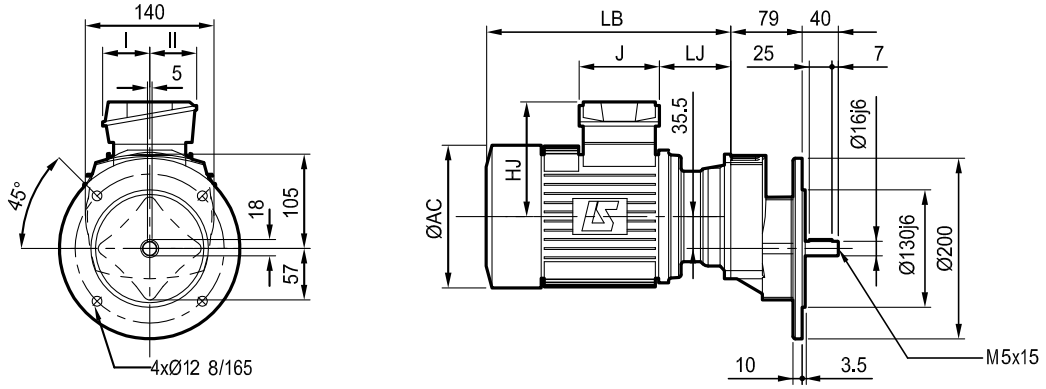
Flange BD2

Cb: 2.5 kg + Motor



Flange BD3

Cb: 2.4 kg + Motor

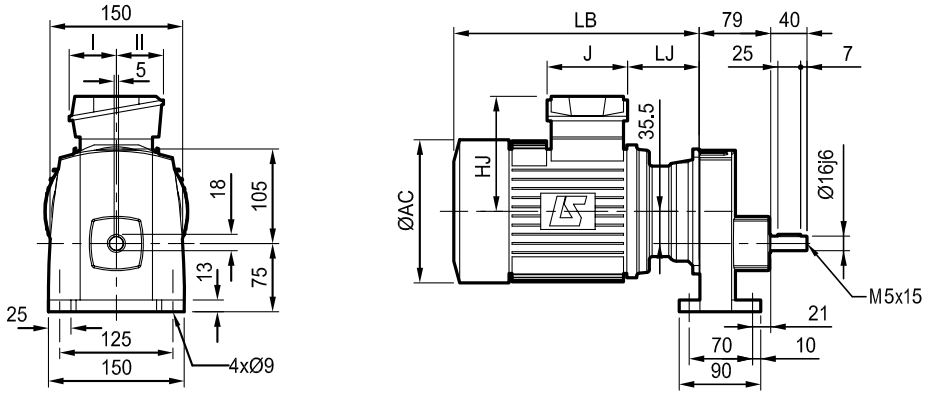


Dimensions
Cb 3031 - Built-in mounting MI

Dimensions in millimetres

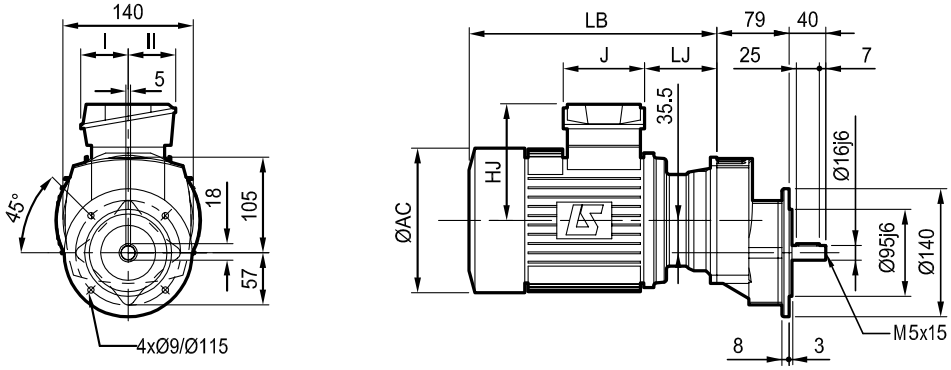
Feet S

Cb: 2.3 kg + Motor



Standard flange BS

Cb: 2.5 kg + Motor



Cb 30

Motor type	Single phase 4-pole motors[1] AC	HJ	J	LB1 / LB2	LJ	I	II	kg
LS 56	*110*	*92*	*100*	*167 / 146*	*17*	*90*	*44*	*3.5*
LS 63	*124*	*97*	*100*	*183 / 162*	*27*	*100*	*103*	*5*
LS 71	*140*	*107*	*100*	*205 / 184*	*34.5*	*100*	*103*	*7.5*

Brake type	Single phase 4-pole motors and brake[1] AC	HJ	J	LB1 / LB2	LJ	I	II	kg
FMD	*110*	*114*	*138*	*217 / 196*	*24.5*	*90*	*44*	*4.7*
FMD	*124*	*119*	*138*	*233 / 212*	*34.5*	*100*	*103*	*5.7*
FMD	*140*	*129*	*138*	*251 / 230*	*34.5*	*100*	*103*	*8.9*

[1] motor, brake motor not concerned by the IE

LB1: ventilated motor

LB2: not ventilated motor

Cb 30

Motor type	IMfinity® three-phase 4-pole motors[1] AC	HJ	J	LB	LJ	I	II	kg
LS 56 M	*110*	*85*	*80*	*167*	*28*	*40*	*40*	*4*
LS 63 M	*124*	*90*	*80*	*183*	*38*	*40*	*40*	*5*
LS 71 M	*140*	*100*	*80*	*197*	*38*	*40*	*40*	*6.4*
LS 71 L	*140*	*109*	*87*	*227.5*	*57*	*43.5*	*43.5*	*8.3*
LS 80 L	-	-	-	-	-	-	-	-
LSES 80 LG	190	135	86	308	87.5	43	43	14.1

Brake type	IMfinity® three-phase 4-pole motors and brake[1] AC	HJ	J	LB	LJ	I	II	kg
FMD	*110*	*90*	*85*	*206*	*13.5*	*43*	*43*	*4.9*
FMD	*124*	*96*	*85*	*222*	*23.5*	*43*	*43*	*5.9*
FFB 1	*140*	*130*	*160*	*236*	*23.5*	*55*	*55*	*10.3*
FFB 1	*140*	*130*	*160*	*319.5*	*45.5*	*55*	*55*	*11.3*
FFB 1	*170*	*141*	*160*	*367*	*69.5*	*55*	*55*	*13.9*
FFB 1	190	151	160	450	74.5	55	55	18

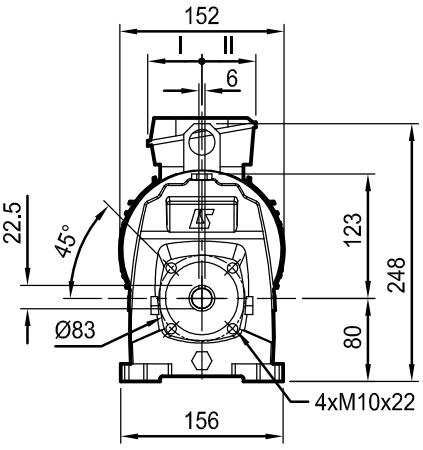
[1] except motor, brake motor in italics: not concerned by the IE

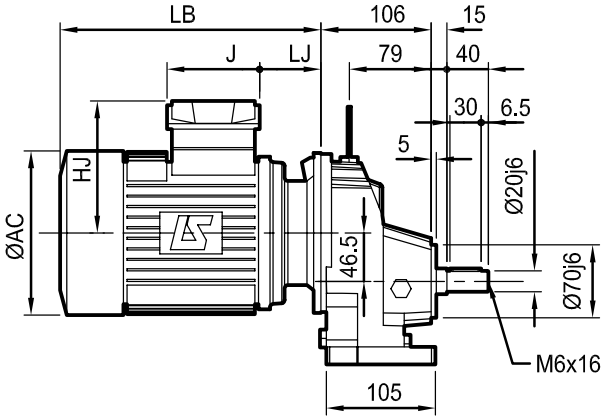
Dimensions
Cb 3131 - Built-in mounting MI

Dimensions in millimetres

Tapped form BT

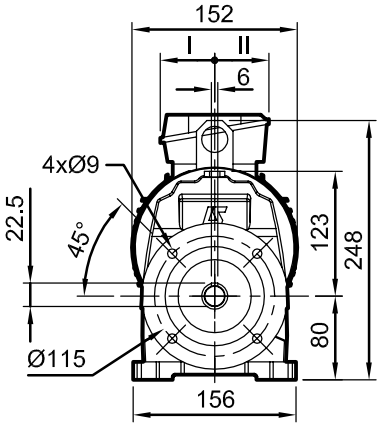
Cb: 6.9 kg + Motor

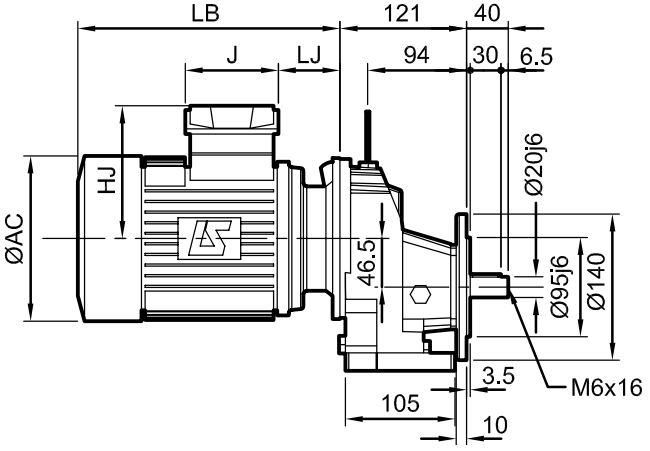




Flange BD1

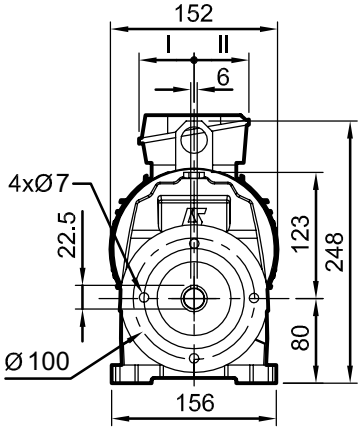
Cb: 7.9 kg + Motor

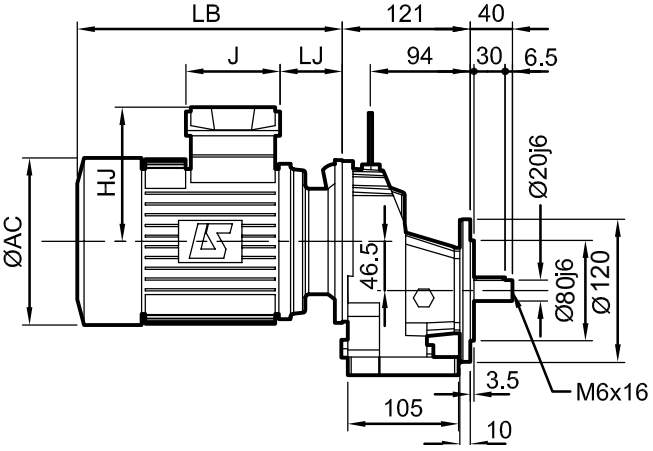




Flange BD2

Cb: 7.8 kg + Motor



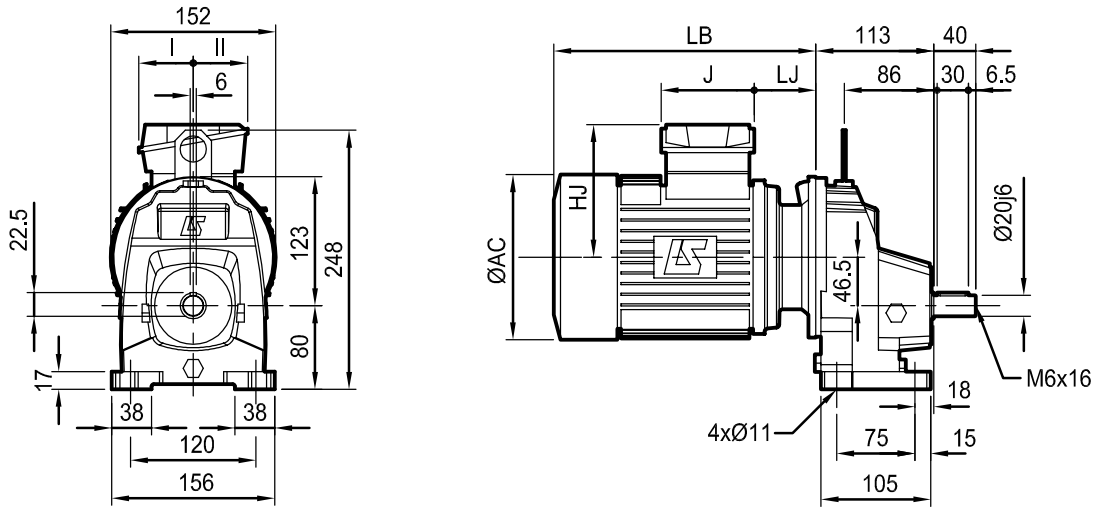


Dimensions
Cb 3131 - Built-in mounting MI

Dimensions in millimetres

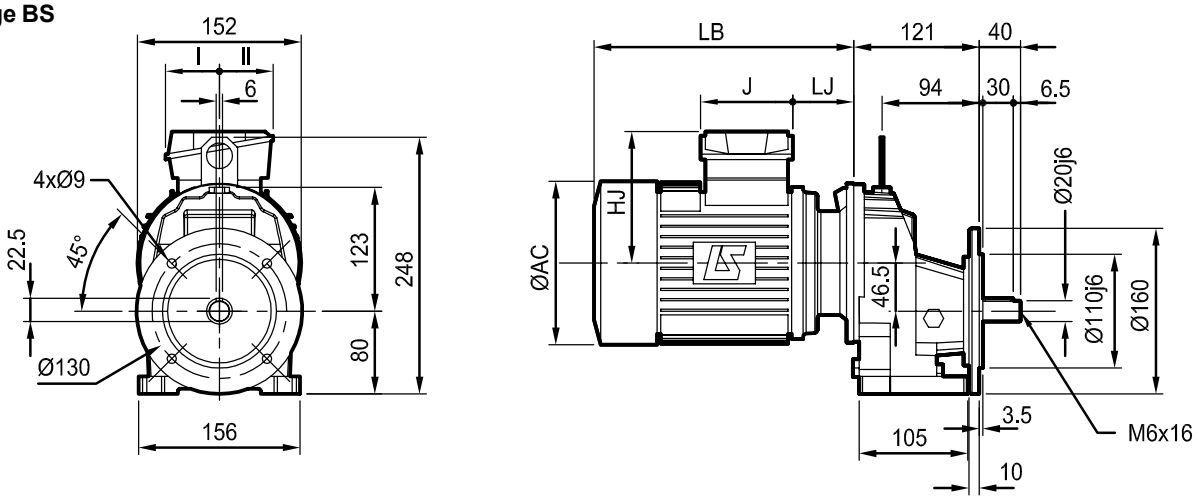
Feet S

Cb: 6.9 kg
+ Motor



Standard flange BS

Cb: 8.1 kg
+ Motor



Cb 31

Motor type	IMfinity® three-phase 4-pole motors[1]							kg
	AC	HJ	J	LB	LJ	I	II	
LS 71 L	*140*	*109*	*86*	*207.5*	*37*	*43.5*	*43.5*	*8.3*
LS 80 L	-	-	-	-	-	-	-	-
LSES 80 LG	190	135	86	288	67.5	43.5	43.5	14.1
LS 90 SL	-	-	-	-	-	-	-	-
LSES 90 SL	190	135	86	290	71	43.5	43.5	16.2
LS 90 L	-	-	-	-	-	-	-	-
LSES 90 L	*190*	*135*	*86*	*290*	*71*	*43.5*	*43.5*	*16.2*
LSES 90 LU	*190*	*135*	*86*	*321.5*	*71*	*43.5*	*43.5*	*20.4*
LS 100 L	-	-	-	-	-	-	-	-
LSES 100 L	200	140	86	335.5	72	43.5	43.5	23
LSES 100 LR	200	140	86	354.5	72	43.5	43.5	25.8
LSES 100 LG	235	149	86	350.5	71	43.5	43.5	31

Brake type	IMfinity® three-phase 4-pole motors and brake[1]							kg
	AC	HJ	J	LB	LJ	I	II	
FFB 1	*140*	*130*	*160*	*299.5*	*25.5*	*55*	*55*	*11.3*
FFB 1	*170*	*141*	*160*	*347*	*49.5*	*55*	*55*	*13.9*
FFB 1	190	151	160	430	55.5	55	55	18
FFB 2	*190*	*151*	*160*	*434.5*	*59*	*55*	*55*	*18.2*
FFB 2	190	151	160	434.5	59	55	55	22.4
FFB 2	*190*	*151*	*160*	*434.5*	*59*	*55*	*55*	*21*
-	-	-	-	-	-	-	-	-
FFB 2	*190*	*151*	*160*	*434.5*	*59*	*55*	*55*	*26.6*
FFB 2	*200*	*156*	*160*	*482.5*	*60*	*55*	*55*	*29.6*
FFB 2	200	156	160	482.5	60	55	55	28.8
FFB 2	200	156	160	482.5	60	55	55	32
FFB 3	235	165	160	458.5	59	55	55	37.6

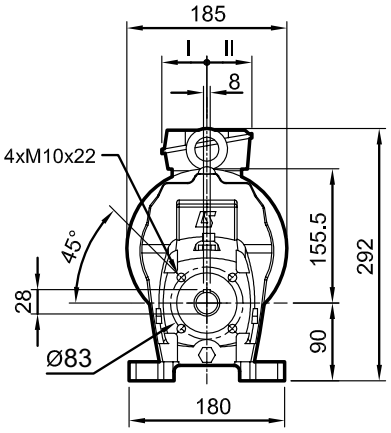
[1] *except motor, brake motor in italics: not concerned by the IE*

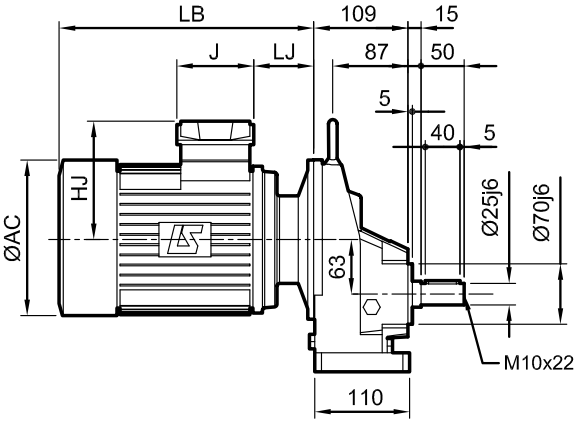
Dimensions
Cb 3231 - Built-in mounting MI

Dimensions in millimetres

Tapped form BT

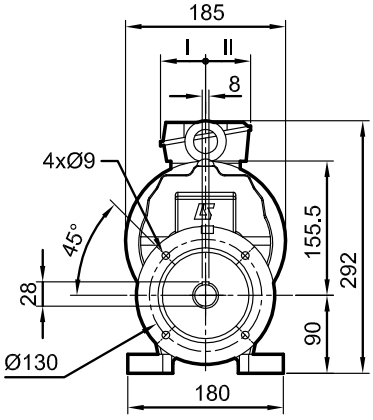
Cb: 8.3 kg
+ Motor

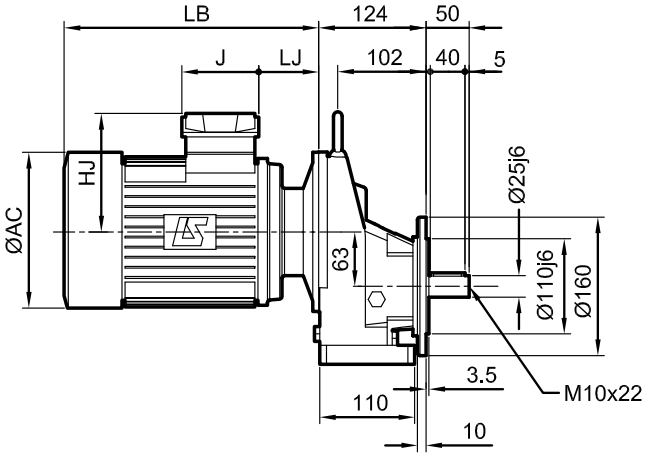




Flange BD1

Cb: 9.5 kg
+ Motor



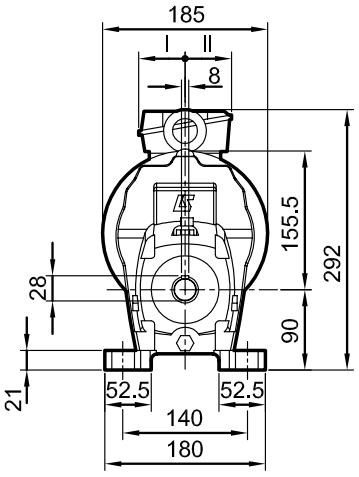


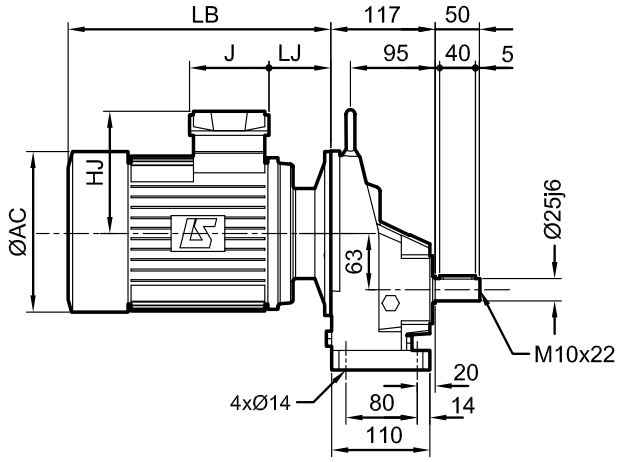
Dimensions
Cb 3231 - Built-in mounting MI

Dimensions in millimetres

Feet S

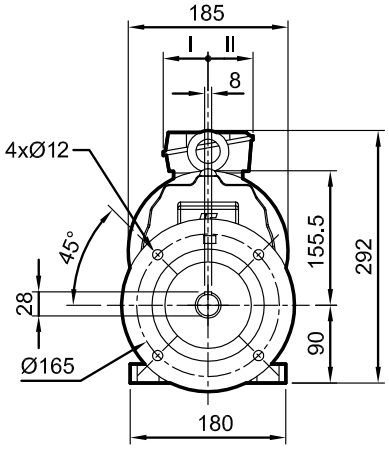
Cb: 8.3 kg
+ Motor

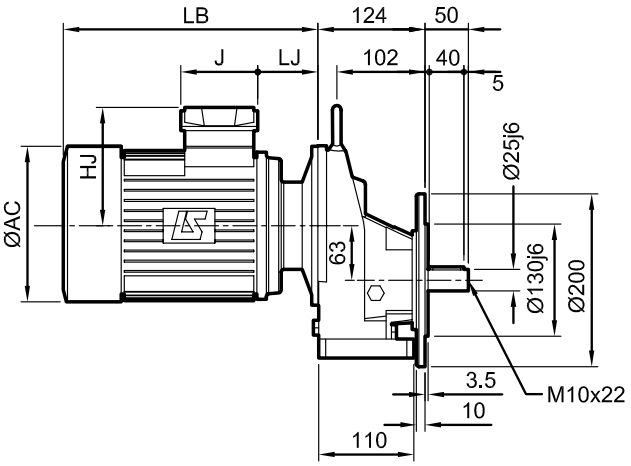




Standard flange BS

Cb: 10.3 kg
+ Motor





Cb 32

Motor type	IMfinity® three-phase 4-pole motors[1]							
	AC	HJ	J	LB	LJ	I	II	kg
LS 71 L	*140*	*109*	*87*	*207.5*	*37*	*43.5*	*43.5*	*8.3*
LS 80 L	-	-	-	-	-	-	-	-
LSES 80 LG	190	135	86	288	67.5	43.5	43.5	14.1
LS 90 SL	-	-	-	-	-	-	-	-
LSES 90 SL	190	135	86	290	71	43.5	43.5	16.2
LS 90 L	-	-	-	-	-	-	-	-
LSES 90 L	190	135	86	290	71	43.5	43.5	16.2
LSES 90 LU	190	135	86	321.5	71	43.5	43.5	20.4
LS 100 L	-	-	-	-	-	-	-	-
LSES 100 L	200	140	86	335.5	72	43.5	43.5	22.6
LSES 100 LR	200	140	86	354.5	72	43.5	43.5	25.8
LSES 100 LG	235	149	86	350.5	71	43.5	43.5	31
LS 112 M	-	-	-	-	-	-	-	-
LSES 112 MU	235	149	86	368.5	71	43	43	37
LS 132 S	-	-	-	-	-	-	-	-
LSES 132 SU	227	172	126	397	52.5	63	63	42.1
LSES 132 SM	272	190	126	427	62	63	63	52

Brake type	IMfinity® three-phase 4-pole motors and brake[1]							
	AC	HJ	J	LB	LJ	I	II	kg
FFB 1	*140*	*130*	*160*	*299.5*	*25.5*	*55*	*55*	*11.3*
FFB 1	*170*	*141*	*160*	*347*	*49.5*	*55*	*55*	*13.9*
FFB 1	190	151	160	430	55.5	55	55	17.1
FFB 2	*190*	*151*	*160*	*434.5*	*59*	*55*	*55*	*18.2*
FFB 2	190	151	160	434.5	59	55	55	22.4
FFB 2	*190*	*151*	*160*	*434.5*	*59*	*55*	*55*	*21*
-	-	-	-	-	-	-	-	-
FFB 2	190	151	160	434.5	59	55	55	26.6
FFB 2	*200*	*156*	*160*	*482.5*	*60*	*55*	*55*	*29.1*
FFB 2	200	156	160	482.5	60	55	55	29.6
FFB 2	200	156	160	482.5	60	55	55	32
FFB 3	235	165	160	458.5	59	55	55	37.6
FFB 3	*200*	*156*	*160*	*482.5*	*60*	*55*	*55*	*29.6*
FFB 3	235	165	160	483.5	59	55	55	43.6
FFB 3	*227*	*168*	*160*	*509*	*60.5*	*55*	*55*	*44.6*
-	-	-	-	-	-	-	-	-
FFB 4	272	186	160	663	70	55	55	66.5

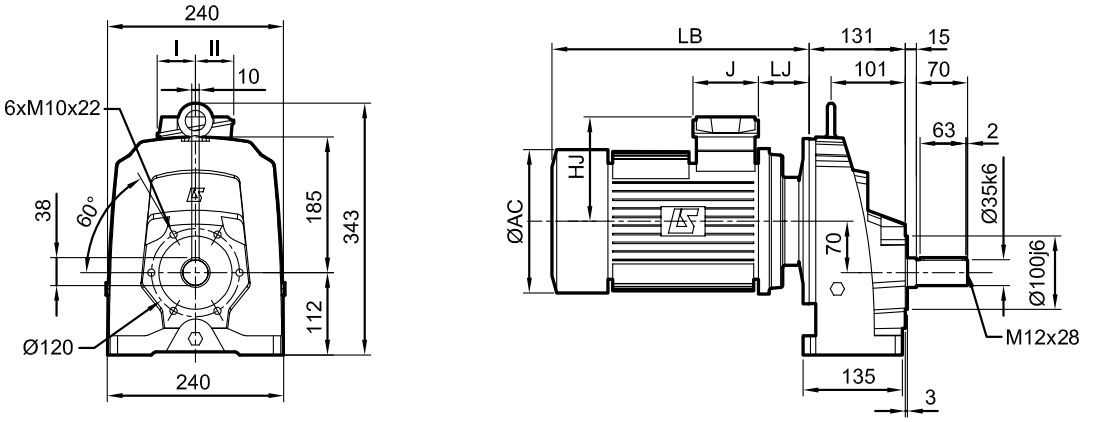
[1] *except motor, brake motor in italics: not concerned by the IE*

Dimensions
Cb 3331 - Built-in mounting MI

Dimensions in millimetres

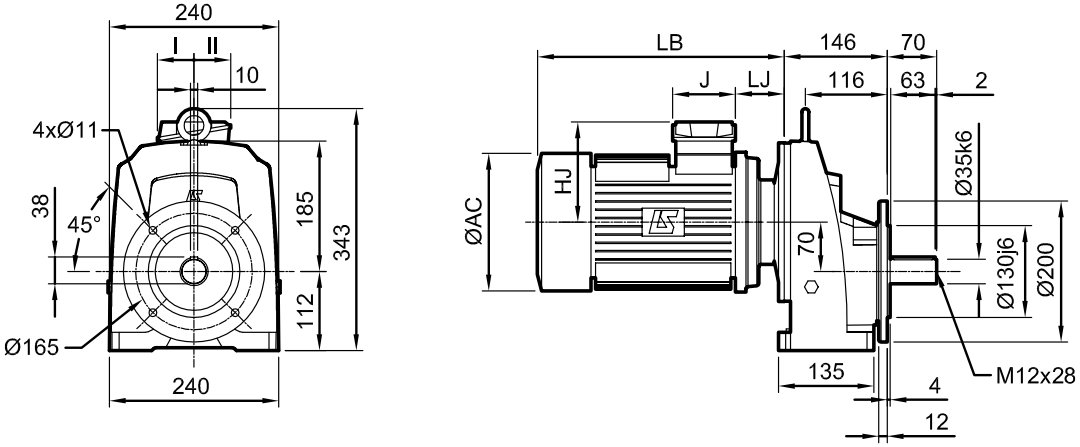
Tapped form BT

Cb: 15.5 kg
+ Motor



Flange BD1

Cb: 18.3 kg
+ Motor

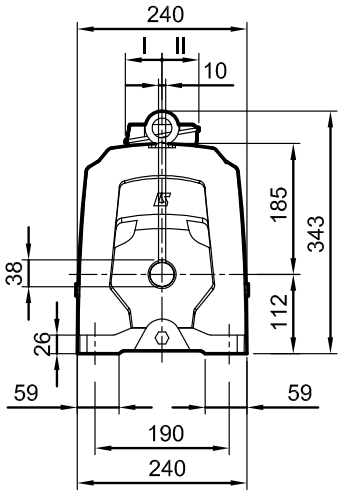


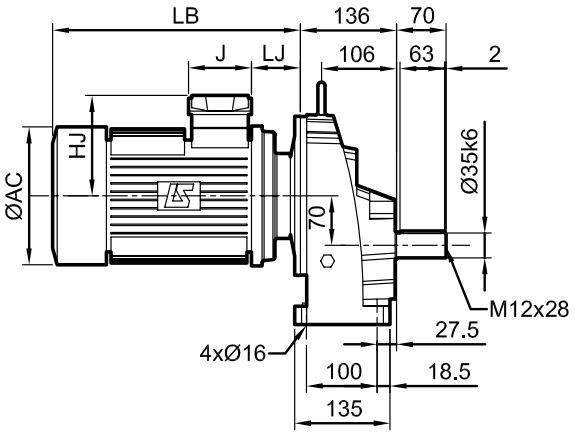
Dimensions
Cb 3331 - Built-in mounting MI

Dimensions in millimetres

Feet S

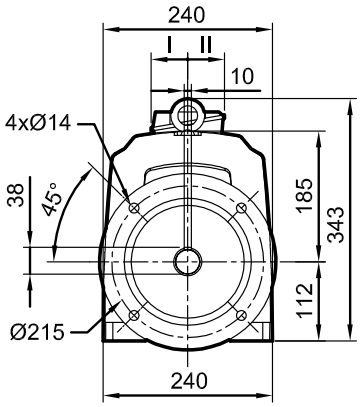
Cb: 15.5 kg
+ Motor

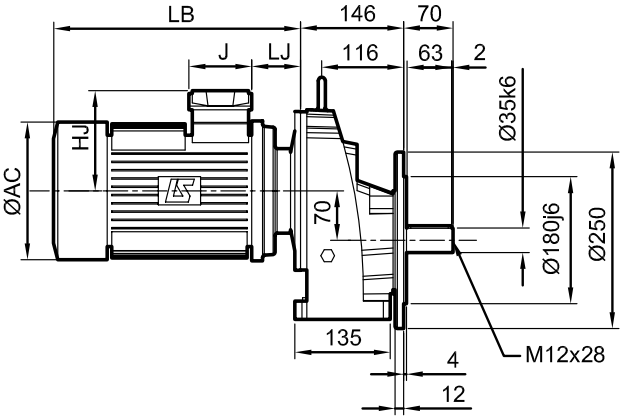




Standard flange BS

Cb: 19.4 kg
+ Motor





Cb 33

Motor type	IMfinity® three-phase 4-pole motors[1] AC	HJ	J	LB	LJ	I	II	kg
LS 71 L	*140*	*109*	*86*	*203.5*	*33*	*43*	*43*	*9*
LS 80 L	-	-	-	-	-	-	-	-
LSES 80 LG	190	135	86	284	63.5	43	43	15
LS 90 SL	-	-	-	-	-	-	-	-
LSES 90 SL	190	135	86	286	67	43	43	16.2
LS 90 L	-	-	-	-	-	-	-	-
LSES 90 L	190	135	86	286	67	43	43	16.2
LSES 90 LU	190	135	86	317.5	67	43	43	20.4
LS 100 L	-	-	-	-	-	-	-	-
LSES 100 L	200	140	86	331.5	68	43	43	23
LSES 100 LR	200	140	86	331.5	68	43	43	25.8
LSES 100 LG	235	149	86	346.5	67	43	43	31
LS 112 M	-	-	-	-	-	-	-	-
LSES 112 MU	235	149	86	364.5	67	43	43	37
LS 132 S	-	-	-	-	-	-	-	-
LSES 132 SU	227	172	126	393	48.5	63	63	42.1
LSES 132 SM	265	190	126	423	58	63	63	52
LS 132 M	-	-	-	-	-	-	-	-
LSES 132 M	265	190	126	433	65	63	63	52.1
LSES 132 MU	265	190	126	460	65	63	63	62.6

Brake type	IMfinity® three-phase 4-pole motors and brake[1] AC	HJ	J	LB	LJ	I	II	kg
FFB 1	*140*	*130*	*160*	*295.5*	*21.5*	*55*	*55*	*11.3*
FFB 1	*170*	*141*	*160*	*343*	*45.5*	*55*	*55*	*13.9*
FFB 1	190	151	160	426	51.5	55	55	18
FFB 2	*190*	*151*	*160*	*430.5*	*55*	*55*	*55*	*18.2*
FFB 2	190	151	160	430.5	55	55	55	22.4
FFB 2	*190*	*151*	*160*	*430.5*	*55*	*55*	*55*	*21*
FFB 2	190	151	160	-	-	55	55	22.4
FFB 2	190	151	160	430.5	55	55	55	26.6
FFB 2	*200*	*156*	*160*	*478.5*	*56*	*55*	*55*	*29.1*
FFB 2	200	156	160	478.5	56	55	55	28.8
FFB 2	200	156	160	478.5	56	55	55	32
FFB 3	235	165	160	454.5	55	55	55	37.6
FFB 3	*200*	*156*	*160*	*478.5*	*56*	*55*	*55*	*29.6*
FFB 3	235	165	160	479.5	55	55	55	43.6
FFB 3	*227*	*168*	*160*	*505*	*56.5*	*55*	*55*	*44.6*
FFB 3	227	168	160	-	-	55	55	48.7
FFB 4	265	186	160	644	73,5	55	55	66.5
FFB 4	*265*	*186*	*160*	*644*	*73,5*	*55*	*55*	*67.4*
FFB 4	265	186	160	-	-	55	55	73.6
FFB 4	265	186	160	644	73,5	55	55	77.1

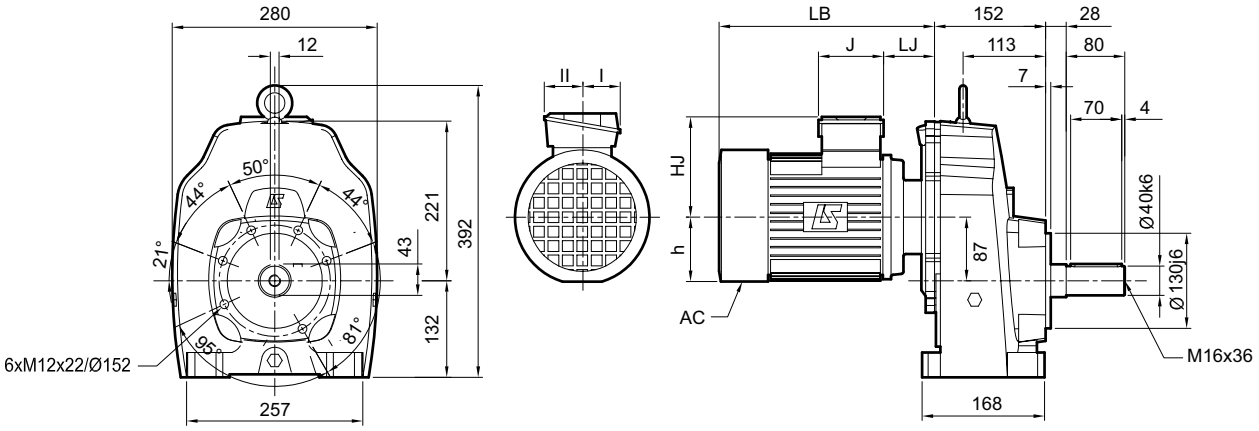
[1] *except motor, brake motor in italics: not concerned by the IE*

Dimensions
Cb 3431 - Built-in mounting MI

Dimensions in millimetres

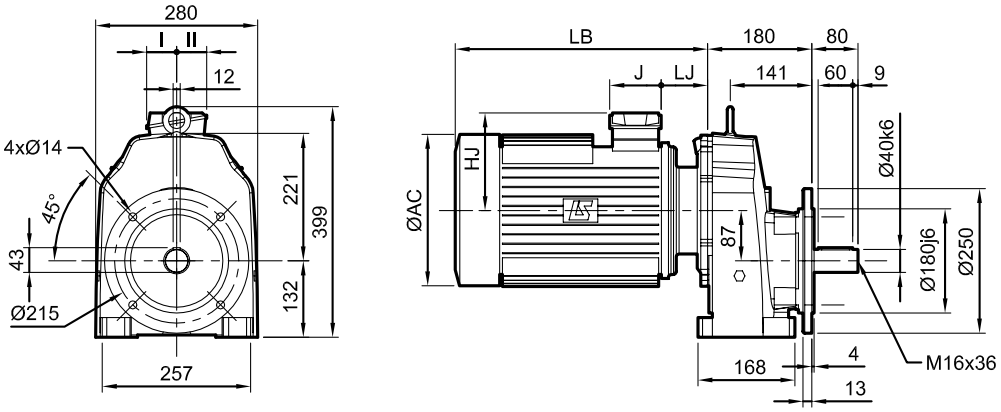
Tapped form BT

Cb: 25 kg
+ Motor



Flange BD1

Cb: 29.5 kg
+ Motor



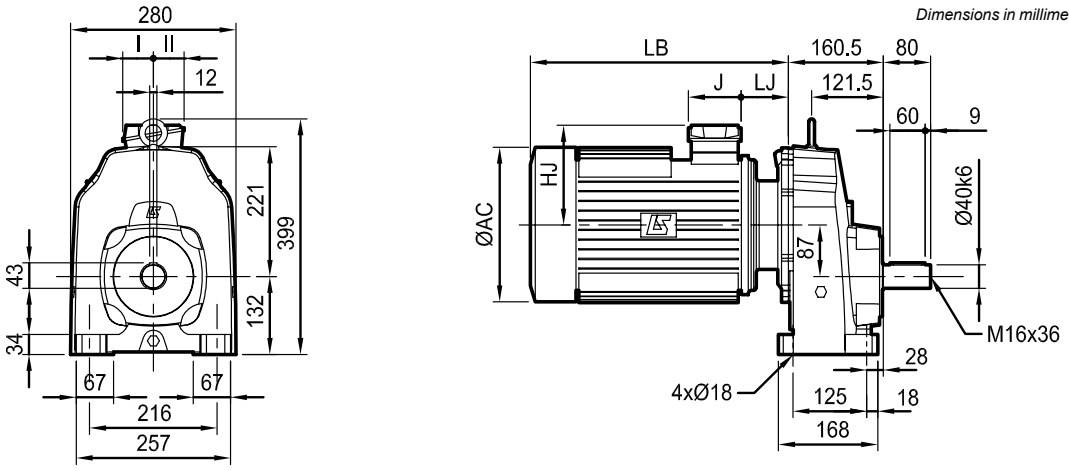
Dimensions

Cb 3431 - Built-in mounting MI

Dimensions in millimetres

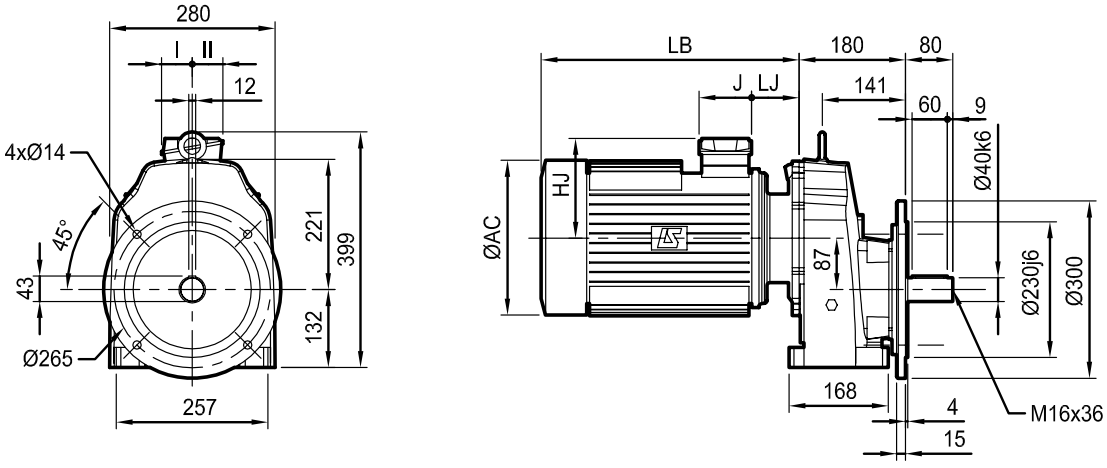
Feet S

Cb: 25 kg
+ Motor



Standard flange BS

Cb: 31 kg
+ Motor



Cb 34

Motor type	IMfinity® three-phase 4-pole motors[1]							kg
	AC	HJ	J	LB	LJ	I	II	
LS 80 L	-	-	-	-	-	-	-	-
LSES 80 LG	190	135	86	288.5	68	43	43	15
LS 90 SL	-	-	-	-	-	-	-	-
LSES 90 SL	190	135	86	286	67	43	43	16.2
LS 90 L	-	-	-	-	-	-	-	-
LSES 90 L	190	135	86	286	67	43	43	16.2
LSES 90 LU	190	135	86	317.5	67	43	43	20.4
LS 100 L	-	-	-	-	-	-	-	-
LSES 100 L	200	140	86	331.5	68	43	43	23
LSES 100 LR	200	140	86	350.5	68	43	43	25.8
LSES 100 LG	235	149	86	346.5	67	43	43	31
LS 112 M	-	-	-	-	-	-	-	-
LSES 112 MU	235	149	86	364.5	67	43	43	37
LS 132 S	-	-	-	-	-	-	-	-
LSES 132 SU	227	172	126	397	52.5	63	63	42.1
LSES 132 SM	272	190	126	427	62	63	63	52
LS 132 M	-	-	-	-	-	-	-	-
LSES 132 M	272	190	126	437	69	63	63	59.1
LSES 132 MU	272	190	126	464	69	63	63	62.6
LSES 160 MR	272	190	126	506	69.5	63	63	78
LS 160 MP	-	-	-	-	-	-	-	-
LS 160 LR	-	-	-	-	-	-	-	-
LSES 160 L	312	235	135	508	55.8	88	64	90
LSES 160 M	312	235	135	508	55.8	88	64	93
LSES 160 LUR	312	235	135	523	55.8	88	64	100
LSES 180 MT	312	248	186	508	67.8	112	98	100
LS 180 LR	-	-	-	-	-	-	-	-
LSES 180 M	350	256	186	565	76.5	112	98	130
LSES 180 LUR	350	256	186	627	76.5	112	98	155

Brake type	IMfinity® three-phase 4-pole motors and brake[1]							kg
	AC	HJ	J	LB	LJ	I	II	
FFB 1	*170*	*141*	*160*	*347.5*	*50*	*55*	*55*	*13.9*
FFB 1	190	151	160	430.5	56	55	55	18
FFB 2	*190*	*151*	*160*	*430.5*	*55*	*55*	*55*	*18.2*
FFB 2	190	151	160	430.5	55	55	55	22.4
FFB 2	*190*	*151*	*160*	*430.5*	*55*	*55*	*55*	*21*
-	-	-	-	-	-	-	-	-
FFB 2	190	151	160	430.5	55	55	55	26.6
FFB 2	*200*	*156*	*160*	*478.5*	*56*	*55*	*55*	*29.1*
FFB 2	200	156	160	478.5	56	55	55	28.8
FFB 2	200	156	160	478.5	56	55	55	32
FFB 3	235	165	160	454.5	55	55	55	37.6
FFB 3	*200*	*156*	*160*	*478.5*	*56*	*55*	*55*	*29.6*
FFB 3	235	165	160	479.5	55	55	55	43.6
FFB 3	*227*	*168*	*160*	*509*	*60.5*	*55*	*55*	*44.6*
-	-	-	-	-	-	-	-	-
FFB 4	272	186	160	648	77.5	55	55	66.5
FFB 4	*272*	*186*	*160*	*648*	*77.5*	*55*	*55*	*67.4*
-	-	-	-	-	-	-	-	-
FFB 4	272	186	160	648	77.5	55	55	77.1
FFB 4	272	186	160	683	79.5	55	55	92.3
FFB 5	*272*	*186*	*160*	*682*	*78.5*	*55*	*55*	*82.9*
FFB 5	*272*	*186*	*160*	*682*	*78.5*	*55*	*55*	*96.1*
-	-	-	-	-	-	-	-	-
FFB 5	312	235	160	695	58.8	55	55	110
FFB 5	312	235	160	690	58.8	55	55	117
-	-	-	-	-	-	-	-	-
FCPL54-H1D	*312*	*249*	*186*	*696*	*67.8*	*112*	*98*	*152*
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

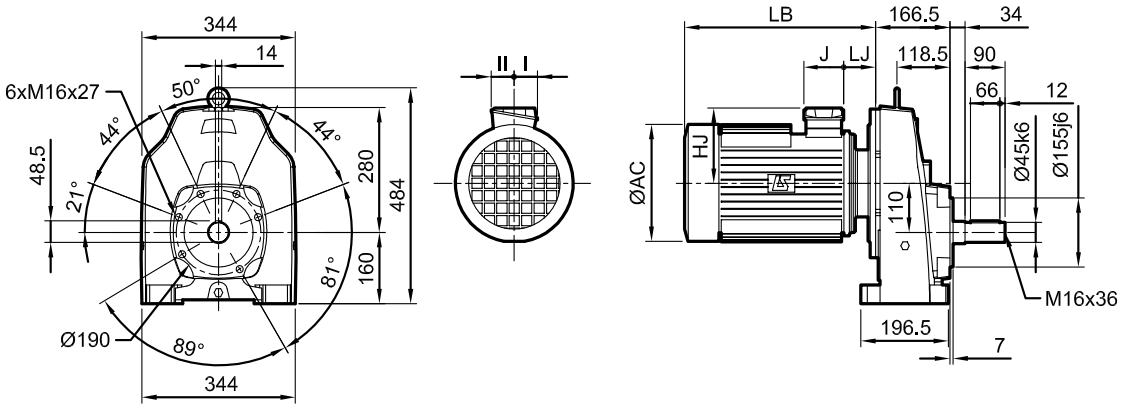
[1] *except brake motor in italics: not concerned by the IE*

Dimensions
Cb 3531 - Built-in mounting MI

Dimensions in millimetres

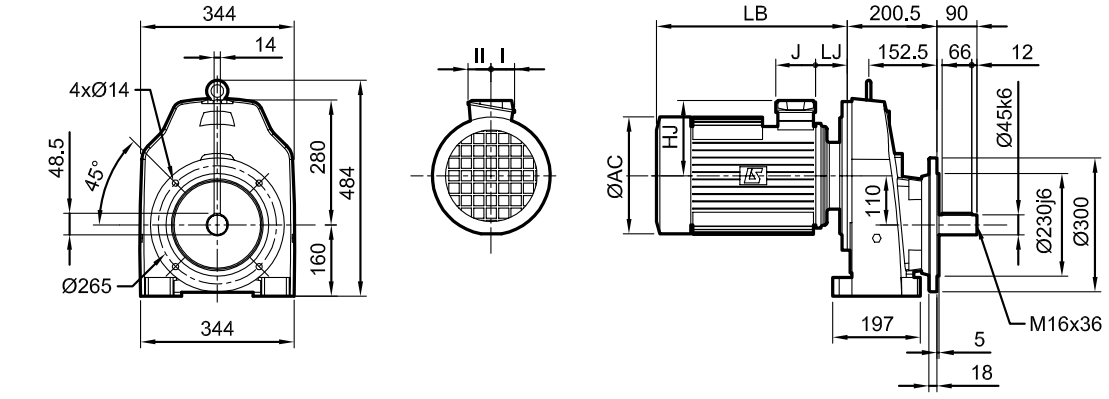
Tapped form BT

Cb: 41 kg
+ Motor



Flange BD1

Cb: 46 kg
+ Motor

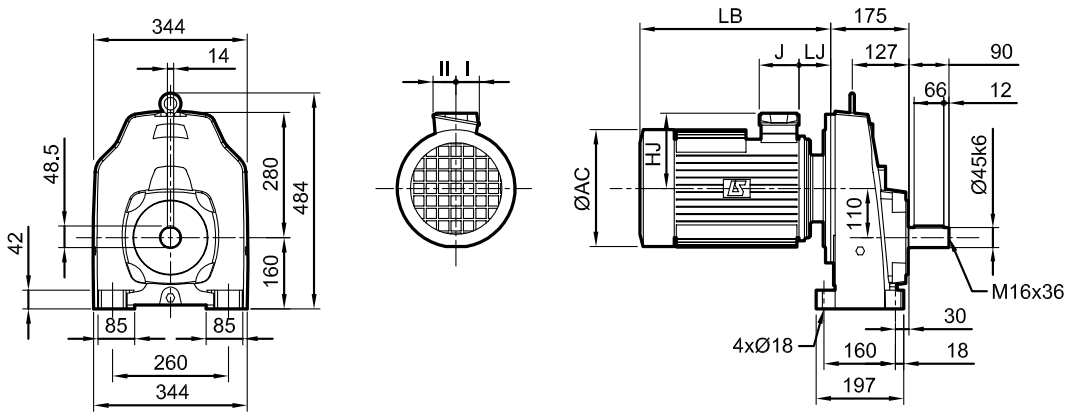


Dimensions
Cb 3531 - Built-in mounting MI

Dimensions in millimetres

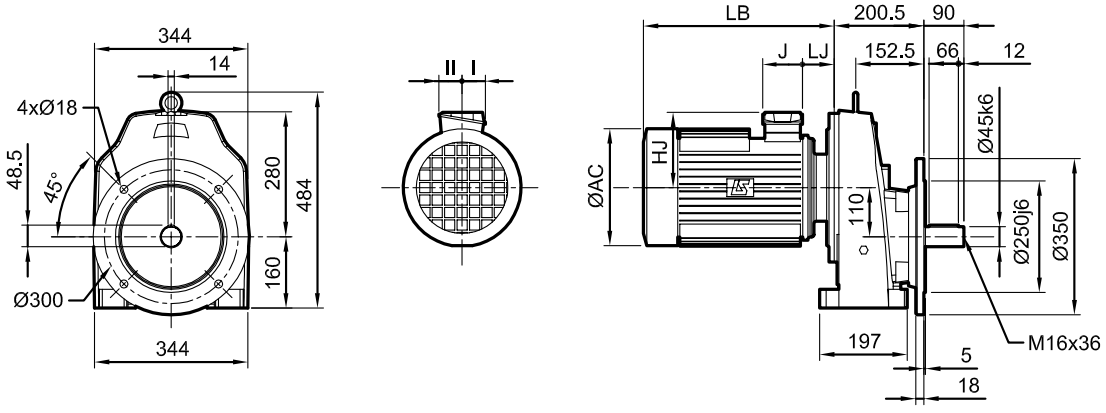
Feet S

Cb: 41 kg
+ Motor



Standard flange BS

Cb: 48 kg
+ Motor



Cb 35

Motor type	IMfinity® three-phase 4-pole motors[1] AC	HJ	J	LB	LJ	I	II	kg
LS 90 SL	-	-	-	-	-	-	-	-
LSES 90 SL	190	135	86	281	62	43	43	16.2
LS 90 L	-	-	-	-	-	-	-	-
LSES 90 L	190	135	86	326.5	63	43	43	16.2
LSES 90 LU	190	135	86	312.5	62	43	43	20.4
LS 100 L	-	-	-	-	-	-	-	-
LSES 100 L	200	140	86	326.5	63	43	43	22.6
LSES 100 LR	200	140	86	345.5	63	43	43	25.8
LSES 100 LG	235	149	86	341.5	62	43	43	31
LS 112 M	-	-	-	-	-	-	-	-
LSES 112 MU	235	149	86	359.5	62	43	43	37
LS 132 S	-	-	-	-	-	-	-	-
LSES 132 SU	227	172	126	388	43.5	63	63	42.1
LSES 132 SM	272	190	126	418	53	63	63	52
LS 132 M	-	-	-	-	-	-	-	-
LSES 132 M	272	190	126	428	60	63	63	59.1
LSES 132 MU	272	190	126	455	60	63	63	62.6
LSES 160 MR	272	190	126	498	61.5	63	63	77.8
LS 160 MP	-	-	-	-	-	-	-	-
LS 160 LR	-	-	-	-	-	-	-	-
LSES 160 L	312	235	135	499	46.8	88	64	90
LSES 160 M	312	235	135	499	46.8	88	64	93
LSES 160 LUR	312	235	135	514	46.8	88	64	100
LSES 180 MT	312	248	186	499	58.8	112	98	100
LS 180 LR	-	-	-	-	-	-	-	-
LSES 180 LR	312	248	186	524	58.8	112	98	108
LSES 180 M	350	256	186	556	67.5	112	98	130
LSES 180 LUR	350	256	186	618	67.5	112	98	155
LSES 200 LR	350	256	186	618	67.5	112	98	166
LS 200 LR / LT	-	-	-	-	-	-	-	-
LSES 200 LU	390	276	186	683	91	112	98	225

Brake type	IMfinity® three-phase 4-pole motors and brake[1] AC	HJ	J	LB	LJ	I	II	kg
FFB 2	*190*	*151*	*160*	*425.5*	*50*	*55*	*55*	*18.2*
FFB 2	190	151	160	425.5	50	55	55	22.4
FFB 2	*190*	*151*	*160*	*425.5*	*50*	*55*	*55*	*21*
-	-	-	-	-	-	-	-	-
FFB 2	190	151	160	425.5	50	55	55	26.6
FFB 2	*200*	*156*	*160*	*473.5*	*51*	*55*	*55*	*29.1*
FFB 2	200	156	160	473.5	51	55	55	28.8
FFB 2	200	156	160	473.5	51	55	55	32
FFB 3	235	165	160	449.5	50	55	55	37.6
FFB 3	*200*	*156*	*160*	*473.5*	*51*	*55*	*55*	*29.6*
FFB 3	235	165	160	474.5	50	55	55	43.6
FFB 3	*227*	*168*	*160*	*500*	*51.5*	*55*	*55*	*44.6*
-	-	-	-	-	-	-	-	-
FFB 4	272	186	160	500	51.5	55	55	66.5
FFB 4	*272*	*186*	*160*	*639*	*68.5*	*55*	*55*	*67.4*
-	-	-	-	-	-	-	-	-
FFB 4	272	186	160	639	68.5	55	55	77.1
FFB 4	272	186	160	674	69.5	55	55	92.3
FFB 5	*272*	*186*	*160*	*674*	*69.5*	*55*	*55*	*82.9*
FFB 5	*272*	*186*	*160*	*674*	*69.5*	*55*	*55*	*96.1*
-	-	-	-	-	-	-	-	-
FFB 5	312	235	160	687	54.8	55	55	110
FFB 5	312	235	160	682	54.8	55	55	117
-	-	-	-	-	-	-	-	-
FCPL 54H1D	*312*	*249*	*186*	*687*	*58.8*	*112*	*98*	*152*
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
FCPL 54H1D[2]	*350*	*256*	*186*	*783*	*67.5*	*112*	*98*	*200*
-	-	-	-	-	-	-	-	-

[1] *except brake motor in italics: not concerned by the IE*

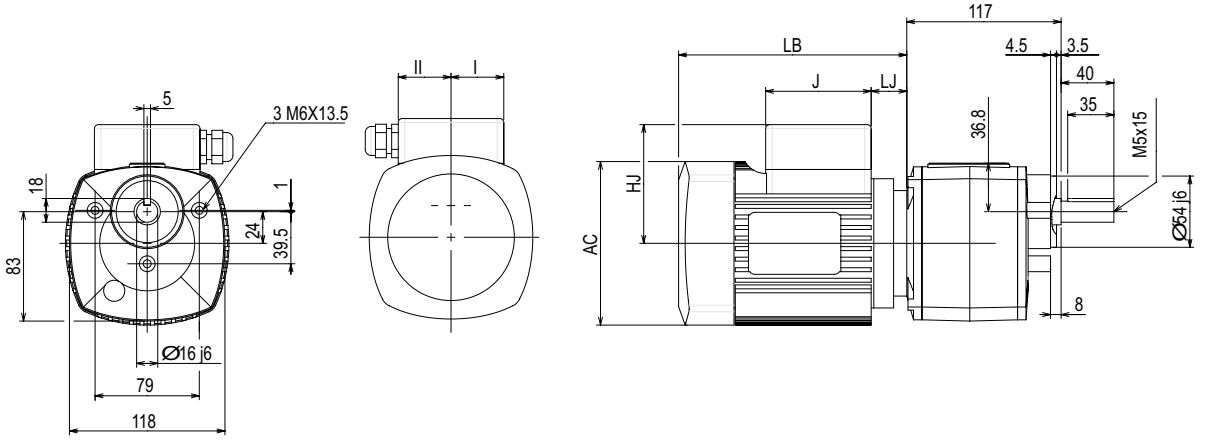
[2] *with CDF board*

Dimensions
Cb 15 - Built-in mounting MI

Dimensions in millimetres

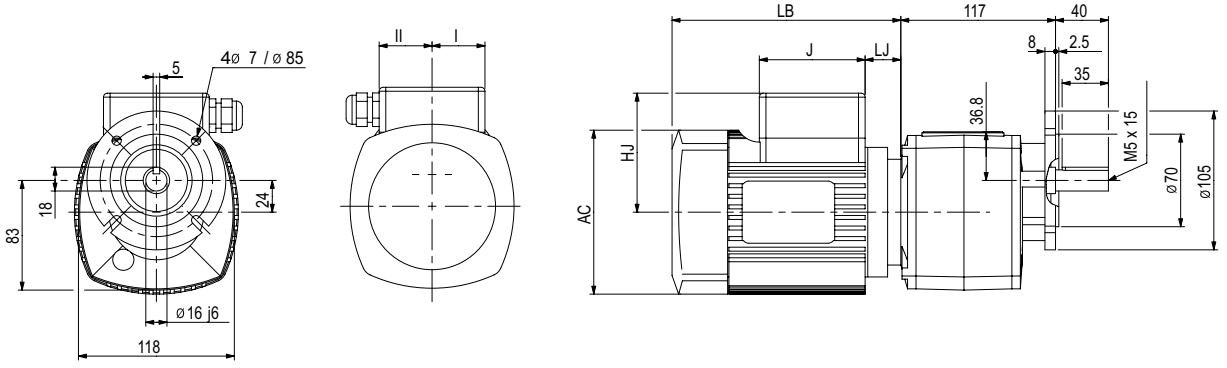
Tapped form BT

Cb: 2.9 kg
+ Motor



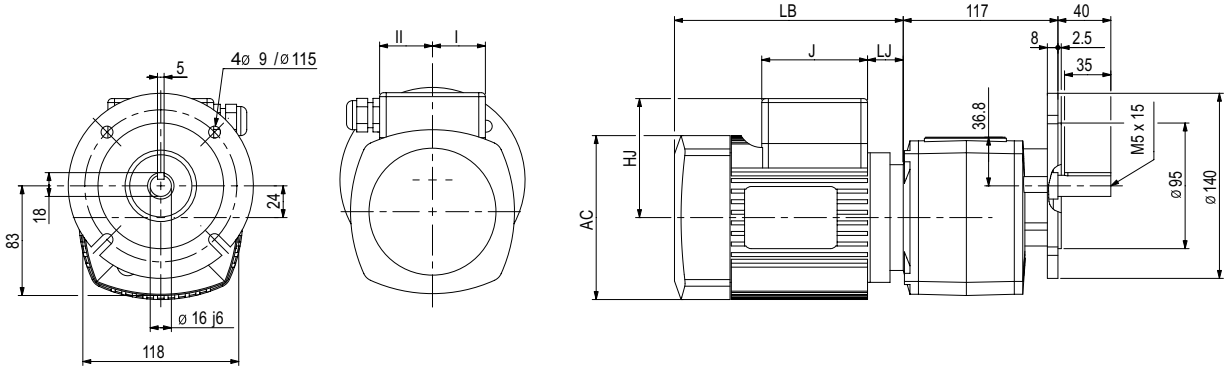
Flange BD1

Cb: 2.8 kg
+ Motor



Flange BD2

Cb: 3 kg
+ Motor

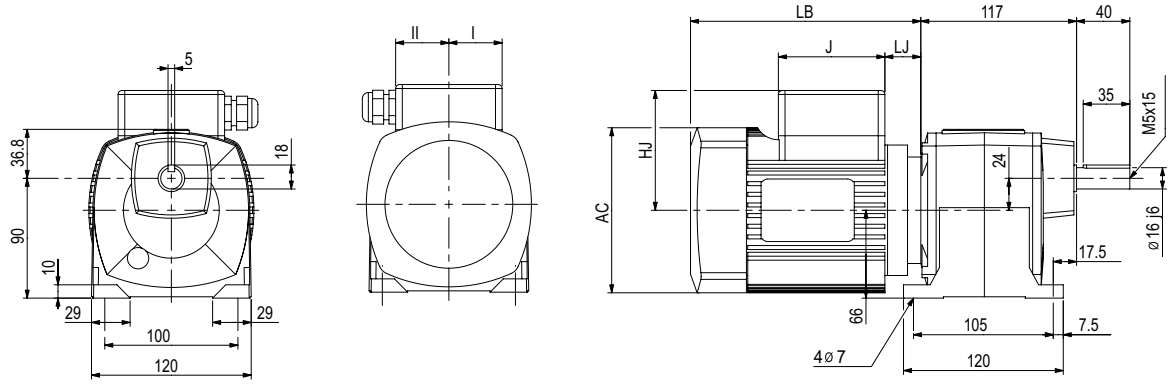


Dimensions
Cb 15 - Built-in mounting MI

Dimensions in millimetres

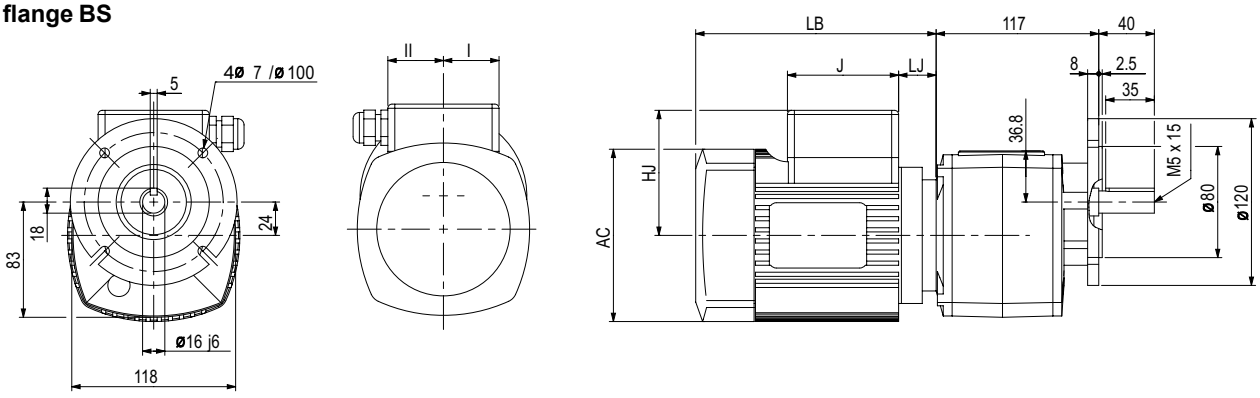
Feet S

Cb: 2.9 kg
+ Motor



Standard flange BS

Cb: 2.9 kg
+ Motor



Cb 15

Motor type	Single phase 4-pole motors[1]								Brake type	Single phase 4-pole motors and brake[1]							
	AC	HJ	J	LB1 / LB2	LJ	I	II	kg		AC	HJ	J	LB1 / LB2	LJ	I	II	kg
LS 56 MP	*110*	*92*	*86*	*156/135*	*17*	*90*	*44*	*3.5*	***FMD***	*110*	*114*	*136*	*206*	*13.5*	*52*	*52*	*4.7*
LS 63 MP	*126*	*97*	*138*	*172/150*	*27*	*100*	*103*	*5*	***FMD***	*124*	*119*	*136*	*222*	*23.5*	*52*	*52*	*5.7*
LS 71 LP	*140*	*107*	*100*	*194*	*23.5*	*102*	*43*	*7.5*	***FMD***	*140*	*129*	*136*	*240*	*23.5*	*52*	*52*	*9.4*

[1] motor, brake motor not concerned by the IE
LB1: ventilated motor
LB2: not ventilated motor

Cb 15

Motor type	IMfinity® three-phase 4-pole motors[1]								Brake type	IMfinity® three-phase 4-pole motors and brake[1]							
	AC	HJ	J	LB	LJ	I	II	kg		AC	HJ	J	LB	LJ	I	II	kg
LS 56 M	*110*	*84*	*80*	*156*	*17*	*40*	*40*	*4*	***FMD***	*110*	*114*	*85*	*206*	*13.5*	*52*	*52*	*5.2*
LS 63 M	*124*	*89*	*80*	*172*	*27*	*40*	*40*	*5*	***FMD***	*124*	*119*	*85*	*222*	*23.5*	*52*	*52*	*6.2*
LS 71 M	*140*	*100*	*80*	*186*	*27*	*40*	*40*	*6.4*	***FMD***	*140*	*129*	*136*	*236*	*23.5*	*52*	*52*	*8.3*

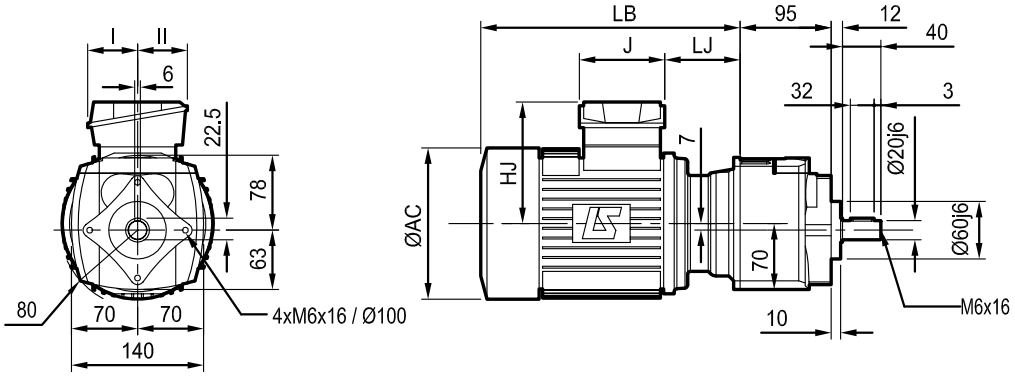
[1] motor, brake motor: not concerned by the IE

Dimensions
Cb 3032 - Built-in mounting MI

Dimensions in millimetres

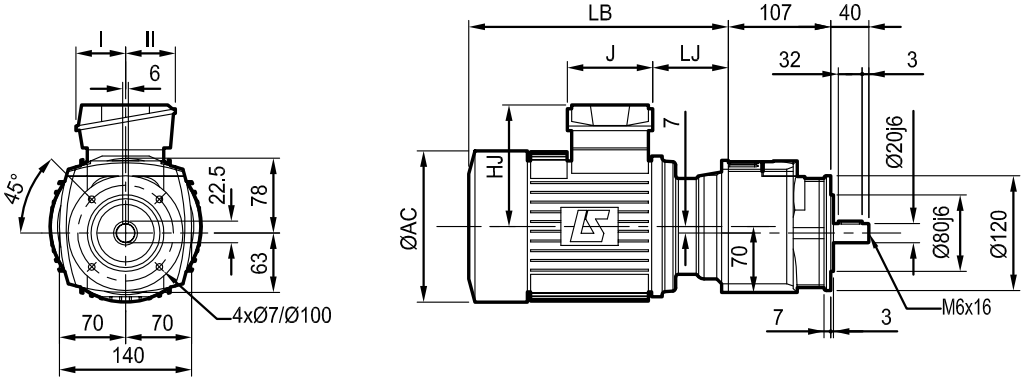
Tapped form BT

Cb: 4.6 kg
+ Motor



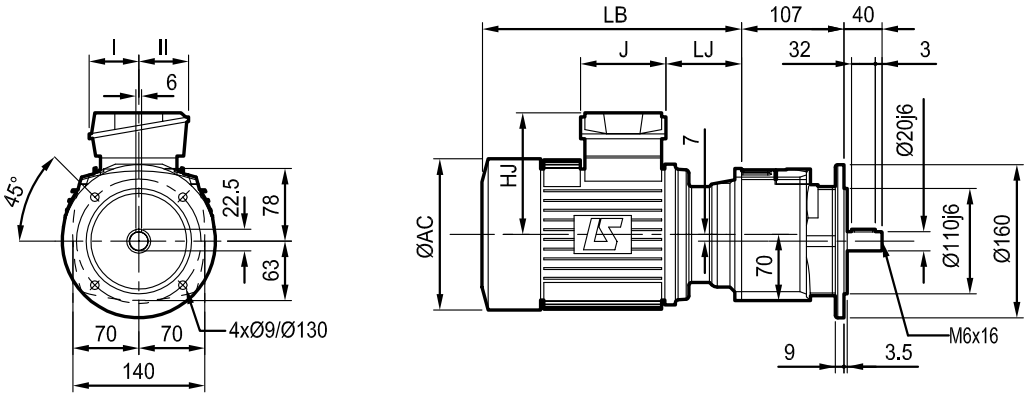
Flange BD1

Cb: 4.7 kg
+ Motor



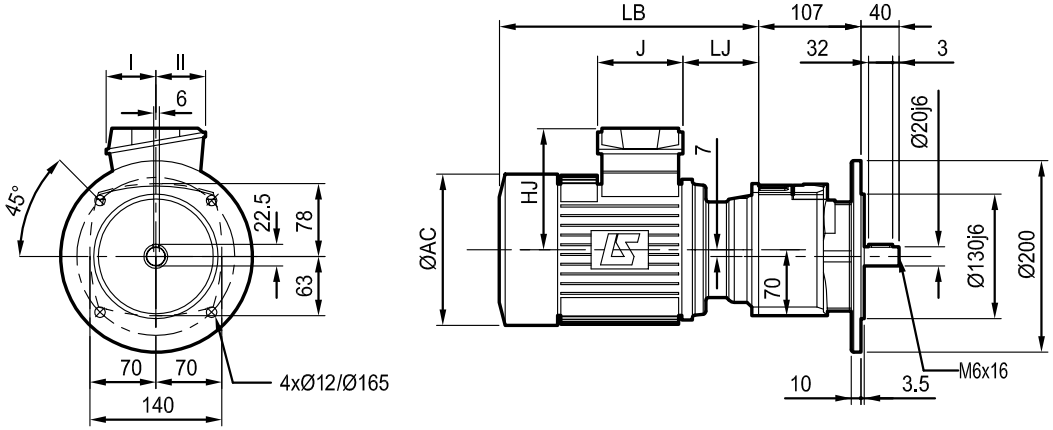
Flange BD2

Cb: 4.9 kg
+ Motor



Flange BD3

Cb: 5 kg
+ Motor

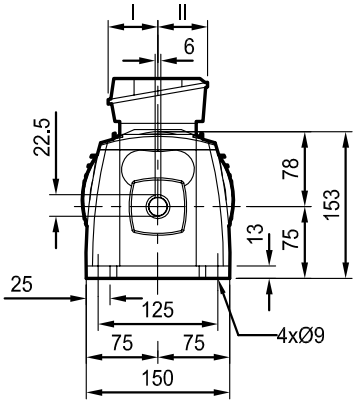


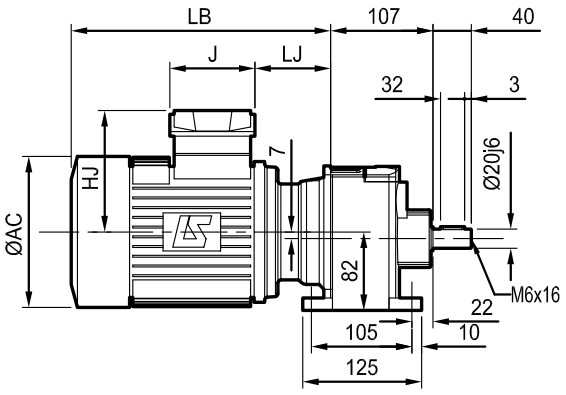
Dimensions
Cb 3032 - Built-in mounting MI

Dimensions in millimetres

Feet S

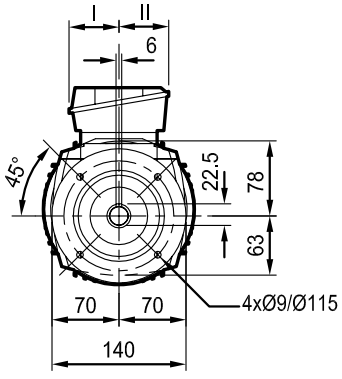
Cb: 4.8 kg
+ Motor

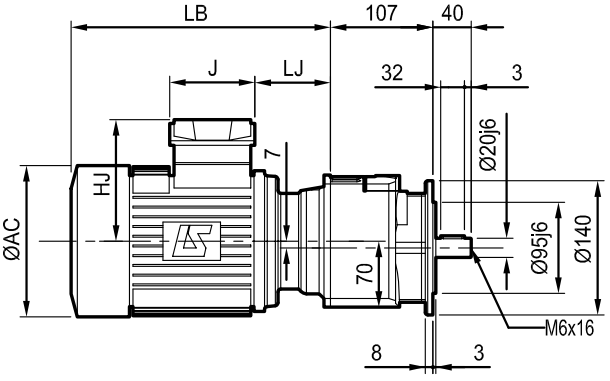




Standard flange BS

Cb: 4.8 kg
+ Motor





Cb 30

Motor type	Single phase 4-pole motors[1] AC	HJ	J	LB1 / LB2	LJ	I	II	kg
LS 56	*110*	*92*	*100*	*167 / 146*	*17*	*90*	*44*	*3.5*
LS 63	*124*	*97*	*100*	*183 / 162*	*27*	*100*	*103*	*5*
LS 71	*140*	*107*	*100*	*205 / 184*	*34.5*	*100*	*103*	*7.5*

Brake type	Single phase 4-pole motors and brake[1] AC	HJ	J	LB1 / LB2	LJ	I	II	kg
FMD	*110*	*114*	*138*	*217 / 196*	*24.5*	*90*	*44*	*4.7*
FMD	*124*	*119*	*138*	*233 / 212*	*34.5*	*100*	*103*	*5.7*
FMD	*140*	*129*	*138*	*251 / 230*	*34.5*	*100*	*103*	*8.9*

[1] motor, brake motor not concerned by the IE
LB1: ventilated motor
LB2: not ventilated motor

Cb 30

Motor type	IMfinity® three-phase 4-pole motors[1] AC	HJ	J	LB	LJ	I	II	kg
LS 56 M	*110*	*85*	*80*	*167*	*28*	*40*	*40*	*4*
LS 63 M	*124*	*90*	*80*	*183*	*38*	*40*	*40*	*5*
LS 71 M	*140*	*100*	*80*	*197*	*38*	*40*	*40*	*6.4*
LS 71 L	*140*	*109*	*87*	*227.5*	*57*	*43.5*	*43.5*	*8.3*
LS 80 L	-	-	-	-	-	-	-	-
LSES 80 LG	190	135	86	308	87.5	43	43	14.1

Brake type	IMfinity® three-phase 4-pole motors and brake[1] AC	HJ	J	LB	LJ	I	II	kg
FMD	*110*	*90*	*85*	*206*	*13.5*	*43*	*43*	*4.9*
FMD	*124*	*96*	*85*	*222*	*23.5*	*43*	*43*	*5.9*
FFB 1	*140*	*130*	*160*	*236*	*23.5*	*55*	*55*	*10.3*
FFB 1	*140*	*130*	*160*	*319.5*	*45.5*	*55*	*55*	*11.3*
FFB 1	*170*	*141*	*160*	*367*	*69.5*	*55*	*55*	*13.9*
FFB 1	190	151	160	450	74.5	55	55	18

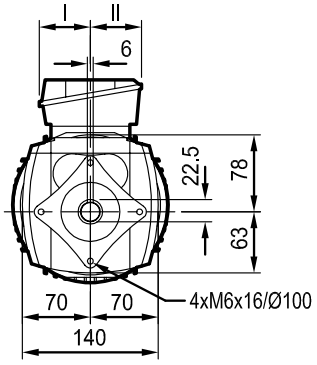
[1] except motor, brake motor in italics: not concerned by the IE

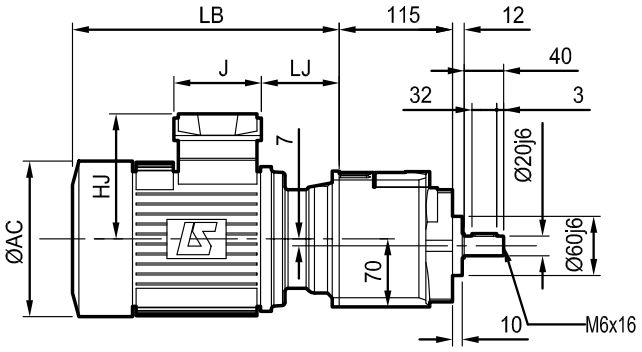
Dimensions
Cb 3033 - Built-in mounting MI

Dimensions in millimetres

Tapped form BT

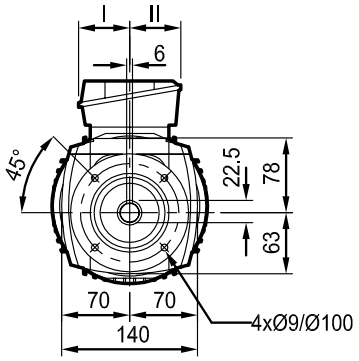
Cb: 4.7 kg
+ Motor

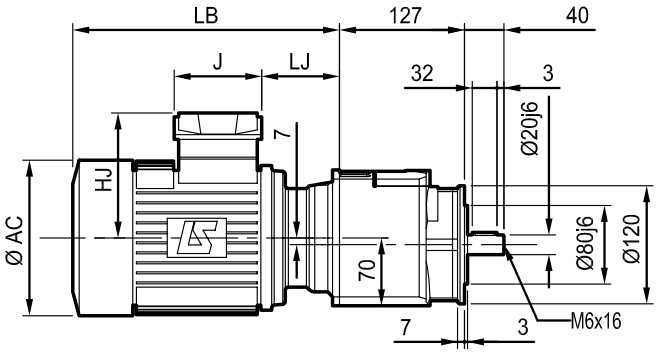




Flange BD1

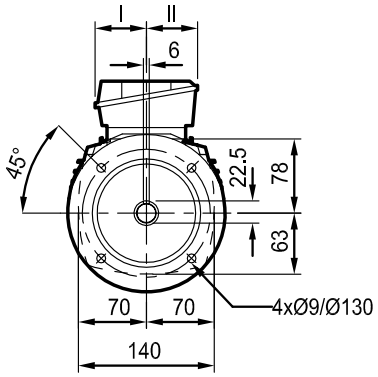
Cb: 4.8 kg
+ Motor

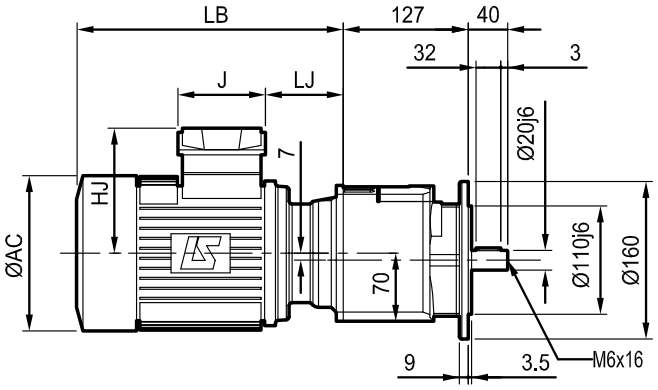




Flange BD2

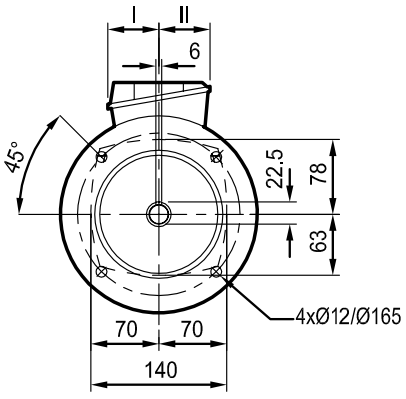
Cb: 5 kg
+ Motor

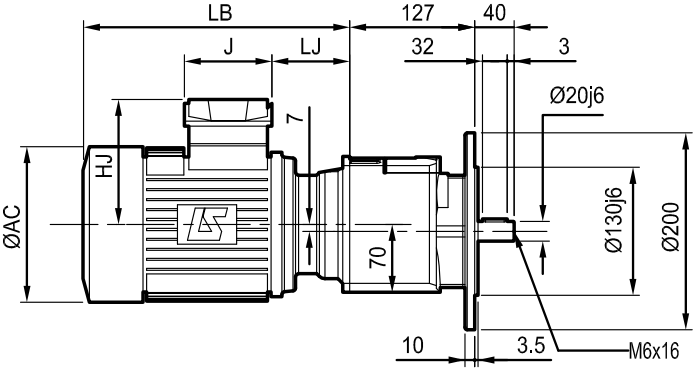




Flange BD3

Cb: 5.1 kg
+ Motor



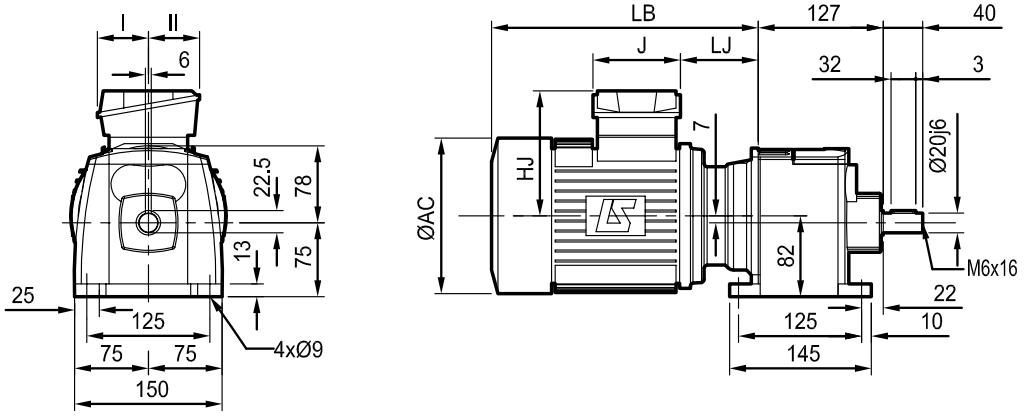


Dimensions
Cb 3033 - Built-in mounting MI

Dimensions in millimetres

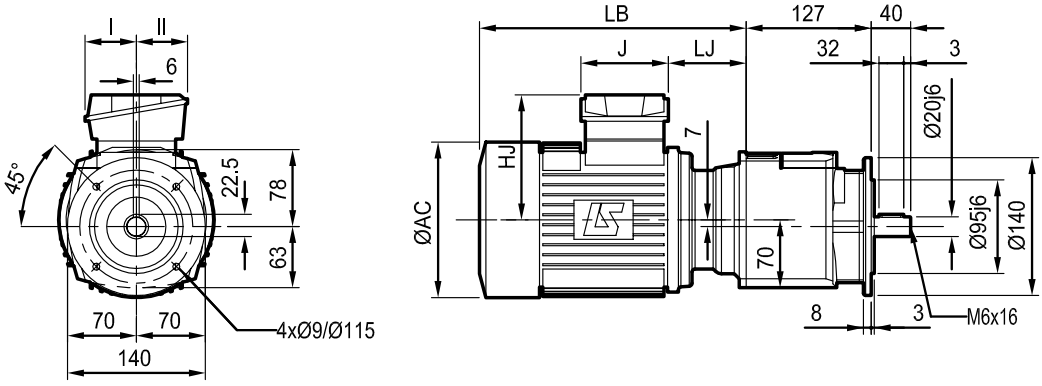
Feet S

Cb: 4.9 kg
+ Motor



Standard flange BS

Cb: 4.9 kg
+ Motor



Cb 30

Motor type	Single phase 4-pole motors[1] AC	HJ	J	LB1 / LB2	LJ	I	II	kg	Brake type	Single phase 4-pole motors and brake[1] AC	HJ	J	LB1 / LB2	LJ	I	II	kg
LS 56	*110*	*92*	*100*	*167 / 146*	*17*	*90*	*44*	*3.5*	***FMD***	*110*	*114*	*138*	*217 / 196*	*24.5*	*90*	*44*	*4.7*
LS 63	*124*	*97*	*100*	*183 / 162*	*27*	*100*	*103*	*5*	***FMD***	*124*	*119*	*138*	*233 / 212*	*34.5*	*100*	*103*	*5.7*
LS 71	*140*	*107*	*100*	*205 / 184*	*34.5*	*100*	*103*	*7.5*	***FMD***	*140*	*129*	*138*	*251 / 230*	*34.5*	*100*	*103*	*8.9*

[1] motor, brake motor not concerned by the IE
LB1: ventilated motor
LB2: not ventilated motor

Cb 30

Motor type	IMfinity® three-phase 4-pole motors[1] AC	HJ	J	LB	LJ	I	II	kg	Brake type	IMfinity® three-phase 4-pole motors and brake[1] AC	HJ	J	LB	LJ	I	II	kg
LS 56 M	*110*	*85*	*80*	*167*	*28*	*40*	*40*	*4*	***FMD***	*110*	*90*	*85*	*206*	*13.5*	*43*	*43*	*4.9*
LS 63 M	*124*	*90*	*80*	*183*	*38*	*40*	*40*	*5*	***FMD***	*124*	*96*	*85*	*222*	*23.5*	*43*	*43*	*5.9*
LS 71 M	*140*	*100*	*80*	*197*	*38*	*40*	*40*	*6.4*	***FFB 1***	*140*	*130*	*160*	*236*	*23.5*	*55*	*55*	*10.3*
LS 71 L	*140*	*109*	*87*	*227.5*	*57*	*43.5*	*43.5*	*8.3*	***FFB 1***	*140*	*130*	*160*	*319.5*	*45.5*	*55*	*55*	*11.3*
LS 80 L	-	-	-	-	-	-	-	-	***FFB 1***	*170*	*141*	*160*	*367*	*69.5*	*55*	*55*	*13.9*
LSES 80 LG	190	135	86	308	87.5	43	43	14.1	**FFB 1**	190	151	160	450	74.5	55	55	18

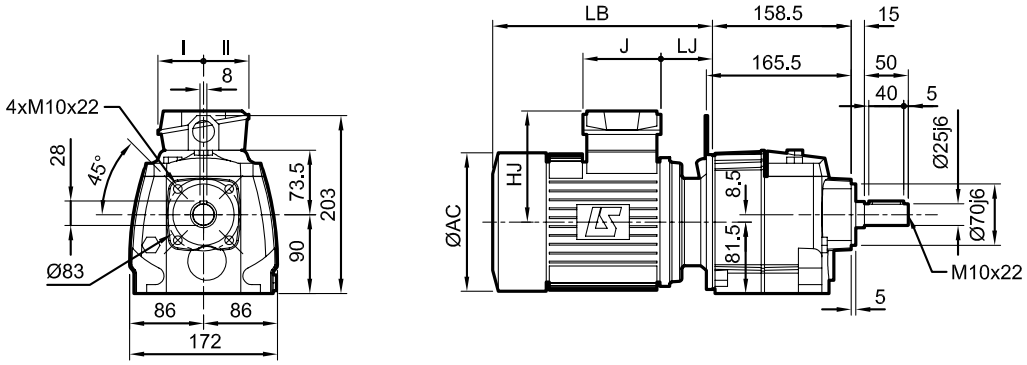
[1] except motor, brake motor in italics: not concerned by the IE

Dimensions
Cb 3133 - Built-in mounting MI

Dimensions in millimetres

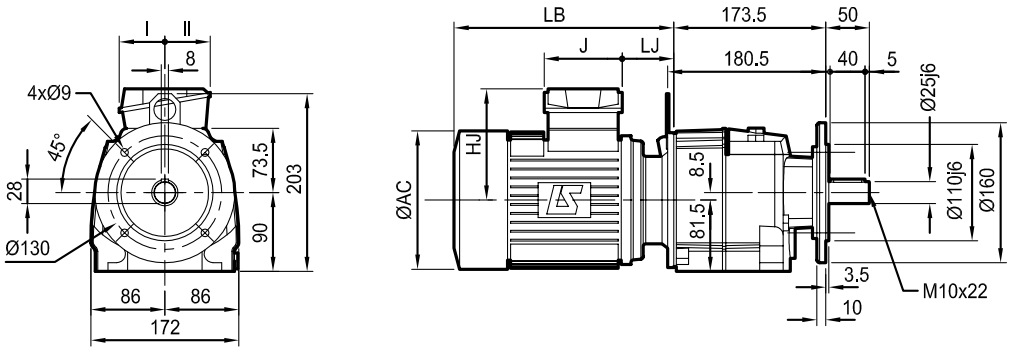
Tapped form BT

Cb: 12.7 kg
+ Motor



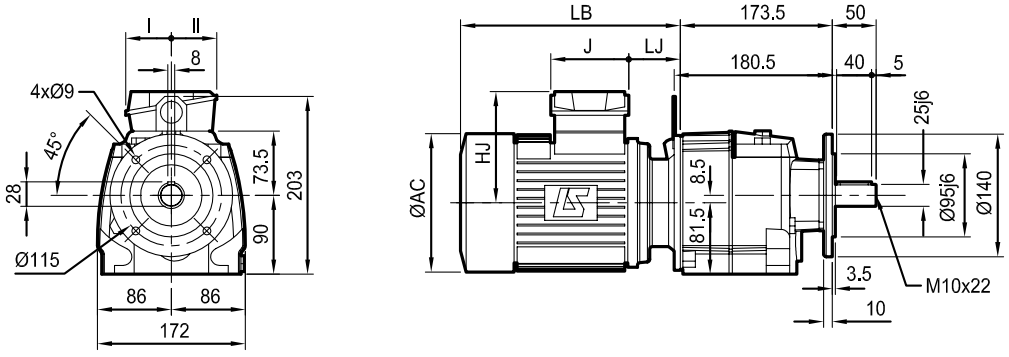
Flange BD1

Cb: 13.3 kg
+ Motor



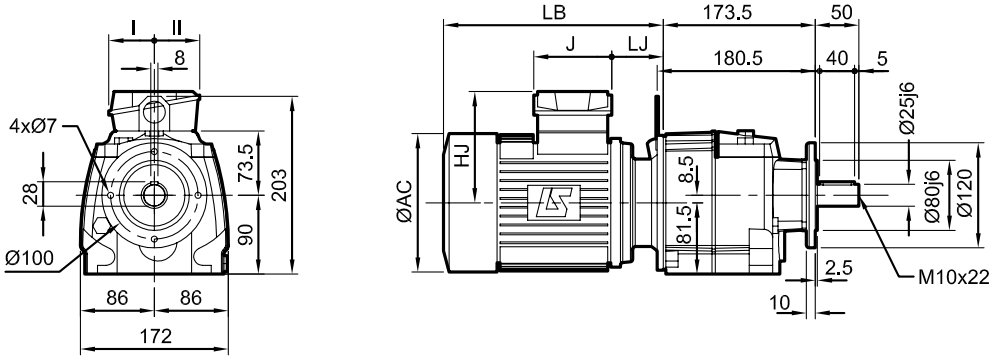
Flange BD2

Cb: 13.2 kg
+ Motor



Flange BD3

Cb: 13.1 kg
+ Motor

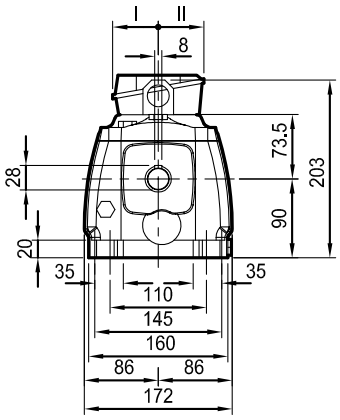


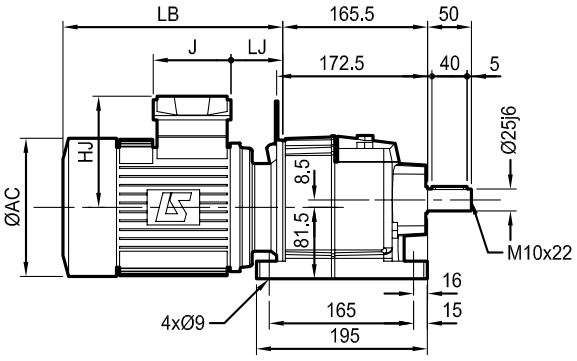
Dimensions
Cb 3133 - Built-in mounting MI

Dimensions in millimetres

Feet S

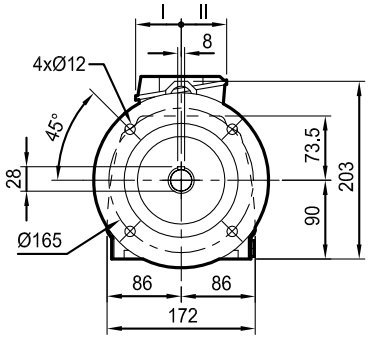
Cb: 13 kg
+ Motor

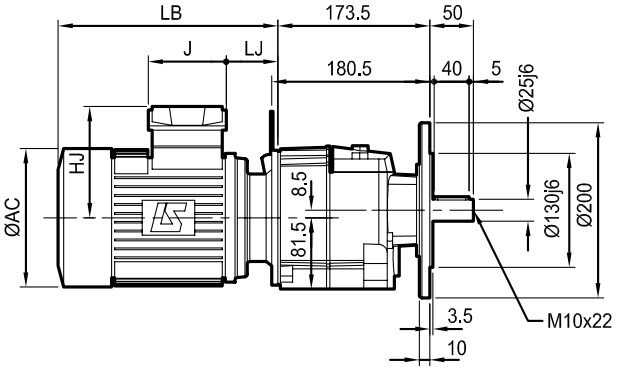




Standard flange BS

Cb: 13.4 kg
+ Motor





Cb 31

Motor type	IMfinity® three-phase 4-pole motors[1]							
	AC	HJ	J	LB	LJ	I	II	kg
LS 71 L	*140*	*109*	*86*	*207.5*	*37*	*43.5*	*43.5*	*8.3*
LS 80 L	-	-	-	-	-	-	-	-
LSES 80 LG	190	135	86	288	67.5	43.5	43.5	14.1
LS 90 SL	-	-	-	-	-	-	-	-
LSES 90 SL	190	135	86	290	71	43.5	43.5	16.2
LS 90 L	-	-	-	-	-	-	-	-
LSES 90 L	*190*	*135*	*86*	*290*	*71*	*43.5*	*43.5*	*16.2*
LSES 90 LU	*190*	*135*	*86*	*321.5*	*71*	*43.5*	*43.5*	*20.4*
LS 100 L	-	-	-	-	-	-	-	-
LSES 100 L	200	140	86	335.5	72	43.5	43.5	23
LSES 100 LR	200	140	86	354.5	72	43.5	43.5	25.8
LSES 100 LG	235	149	86	350.5	71	43.5	43.5	31

Brake type	IMfinity® three-phase 4-pole motors and brake[1]							
	AC	HJ	J	LB	LJ	I	II	kg
FFB 1	*140*	*130*	*160*	*299.5*	*25.5*	*55*	*55*	*11.3*
FFB 1	*170*	*141*	*160*	*347*	*49.5*	*55*	*55*	*13.9*
FFB 1	190	151	160	430	55.5	55	55	18
FFB 2	*190*	*151*	*160*	*434.5*	*59*	*55*	*55*	*18.2*
FFB 2	190	151	160	434.5	59	55	55	22.4
FFB 2	*190*	*151*	*160*	*434.5*	*59*	*55*	*55*	*21*
-	-	-	-	-	-	-	-	-
FFB 2	*190*	*151*	*160*	*434.5*	*59*	*55*	*55*	*26.6*
FFB 2	*200*	*156*	*160*	*482.5*	*60*	*55*	*55*	*29.6*
FFB 2	200	156	160	482.5	60	55	55	28.8
FFB 2	200	156	160	482.5	60	55	55	32
FFB 3	235	165	160	458.5	59	55	55	37.6

[1] *except motor, brake motor in italics: not concerned by the IE*

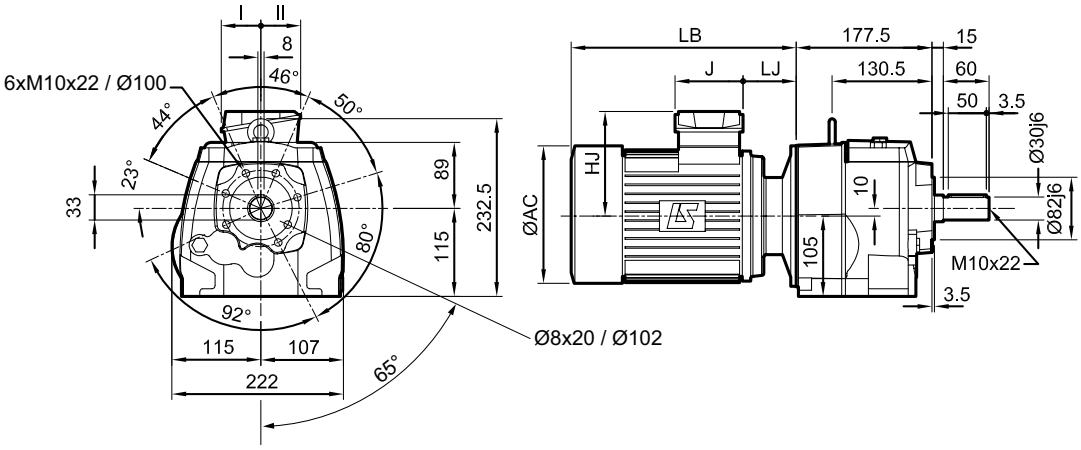
Dimensions

Cb 3233 - Built-in mounting MI

Dimensions in millimetres

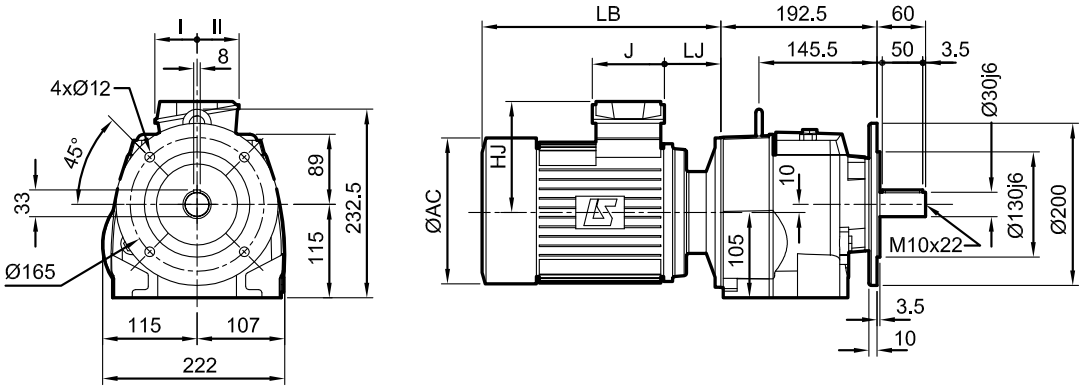
Tapped form BT

Cb: 18.2 kg
+ Motor



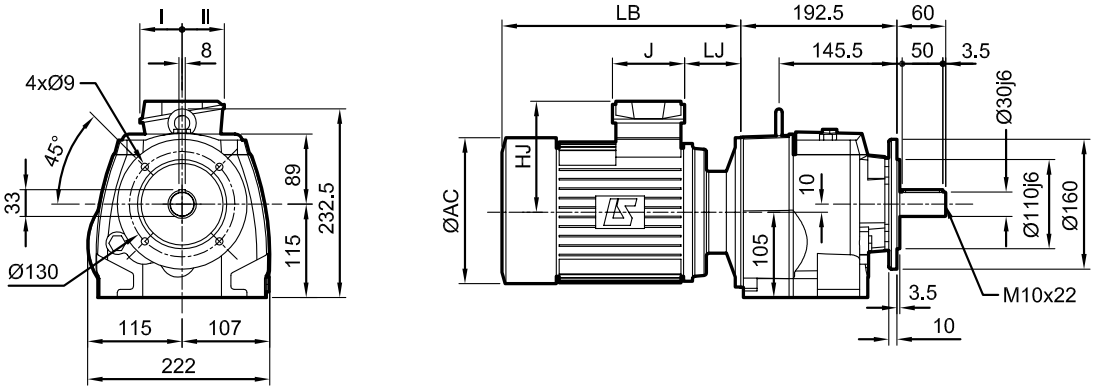
Flange BD1

Cb: 18.7 kg
+ Motor



Flange BD2

Cb: 18.6 kg
+ Motor

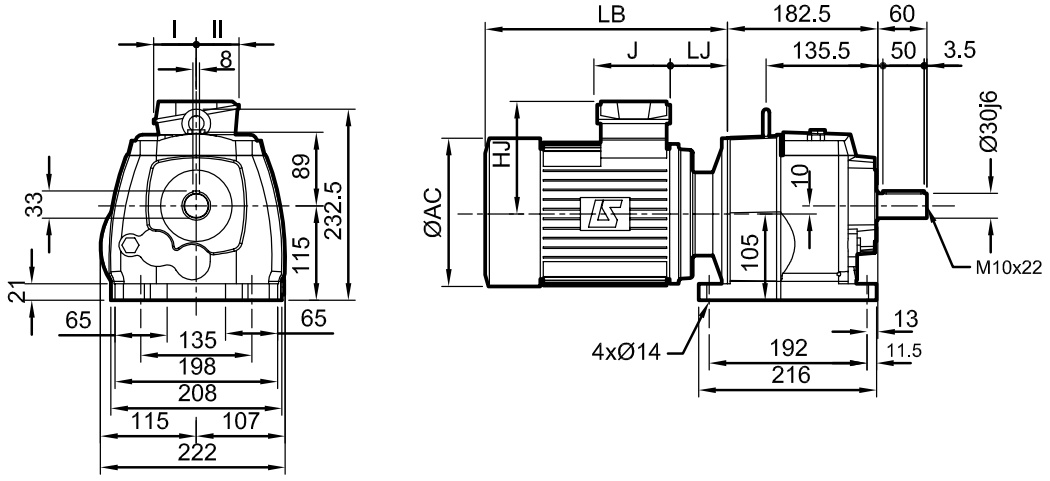


Dimensions
Cb 3233 - Built-in mounting MI

Dimensions in millimetres

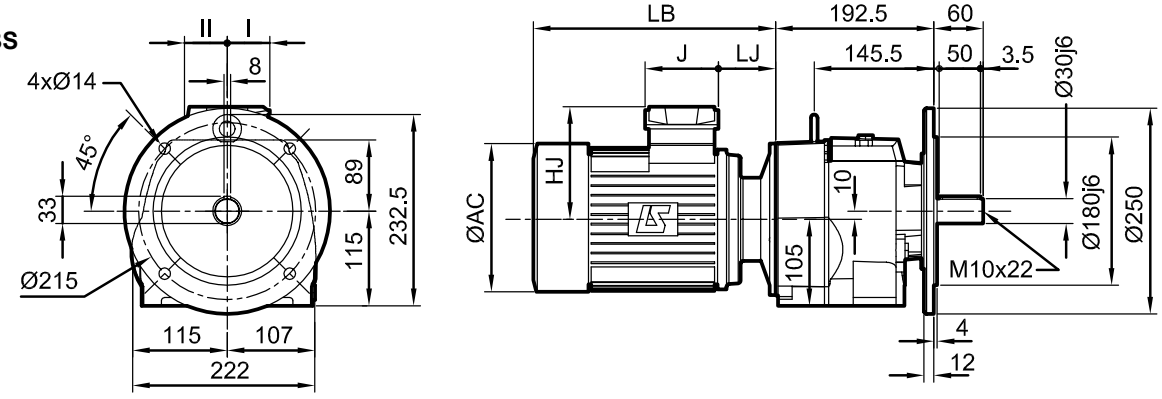
Feet S

Cb: 18.5 kg
+ Motor



Standard flange BS

Cb: 18.8 kg
+ Motor



Cb 32

Motor type	IMfinity® three-phase 4-pole motors[1]							kg
	AC	HJ	J	LB	LJ	I	II	
LS 71 L	*140*	*109*	*87*	*207.5*	*37*	*43.5*	*43.5*	*8.3*
LS 80 L	-	-	-	-	-	-	-	-
LSES 80 LG	190	135	86	288	67.5	43.5	43.5	14.1
LS 90 SL	-	-	-	-	-	-	-	-
LSES 90 SL	190	135	86	290	71	43.5	43.5	16.2
LS 90 L	-	-	-	-	-	-	-	-
LSES 90 L	190	135	86	290	71	43.5	43.5	16.2
LSES 90 LU	190	135	86	321.5	71	43.5	43.5	20.4
LS 100 L	-	-	-	-	-	-	-	-
LSES 100 L	200	140	86	335.5	72	43.5	43.5	22.6
LSES 100 LR	200	140	86	354.5	72	43.5	43.5	25.8
LSES 100 LG	235	149	86	350.5	71	43.5	43.5	31
LS 112 M	-	-	-	-	-	-	-	-
LSES 112 MU	235	149	86	368.5	71	43	43	37
LS 132 S	-	-	-	-	-	-	-	-
LSES 132 SU	227	172	126	397	52.5	63	63	42.1
LSES 132 SM	272	190	126	427	62	63	63	52

Brake type	IMfinity® three-phase 4-pole motors and brake[1]							kg
	AC	HJ	J	LB	LJ	I	II	
FFB 1	*140*	*130*	*160*	*299.5*	*25.5*	*55*	*55*	*11.3*
FFB 1	*170*	*141*	*160*	*347*	*49.5*	*55*	*55*	*13.9*
FFB 1	190	151	160	430	55.5	55	55	17.1
FFB 2	*190*	*151*	*160*	*434.5*	*59*	*55*	*55*	*18.2*
FFB 2	190	151	160	434.5	59	55	55	22.4
FFB 2	*190*	*151*	*160*	*434.5*	*59*	*55*	*55*	*21*
-	-	-	-	-	-	-	-	-
FFB 2	190	151	160	434.5	59	55	55	26.6
FFB 2	*200*	*156*	*160*	*482.5*	*60*	*55*	*55*	*29.1*
FFB 2	200	156	160	482.5	60	55	55	29.6
FFB 2	200	156	160	482.5	60	55	55	32
FFB 3	235	165	160	458.5	59	55	55	37.6
FFB 3	*200*	*156*	*160*	*482.5*	*60*	*55*	*55*	*29.6*
FFB 3	235	165	160	483.5	59	55	55	43.6
FFB 3	*227*	*168*	*160*	*509*	*60.5*	*55*	*55*	*44.6*
-	-	-	-	-	-	-	-	-
FFB 4	272	186	160	663	70	55	55	66.5

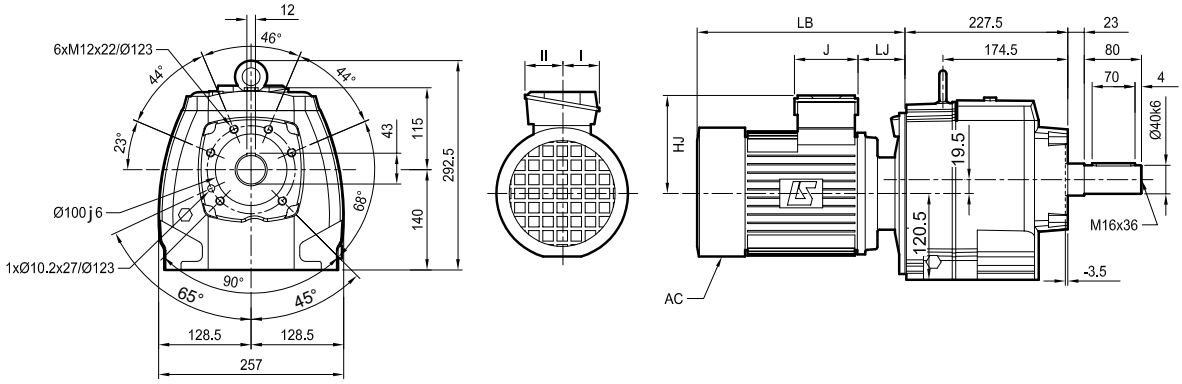
[1] *except motor, brake motor in italics: not concerned by the IE*

Dimensions
Cb 3333 - Built-in mounting MI

Dimensions in millimetres

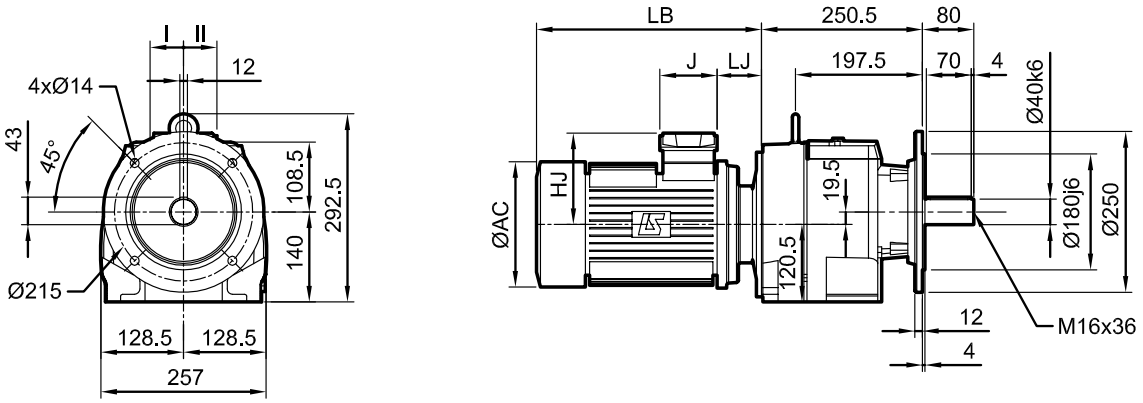
Tapped form BT

Cb: 29 kg
+ Motor



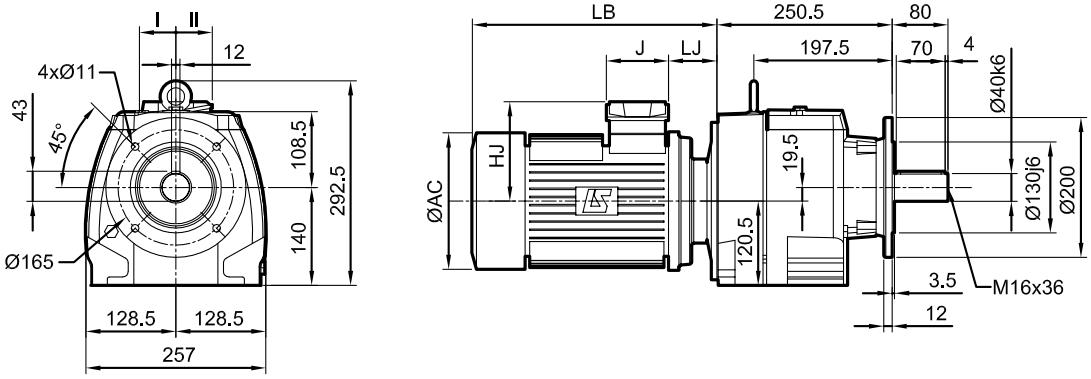
Flange BD1

Cb: 33 kg
+ Motor



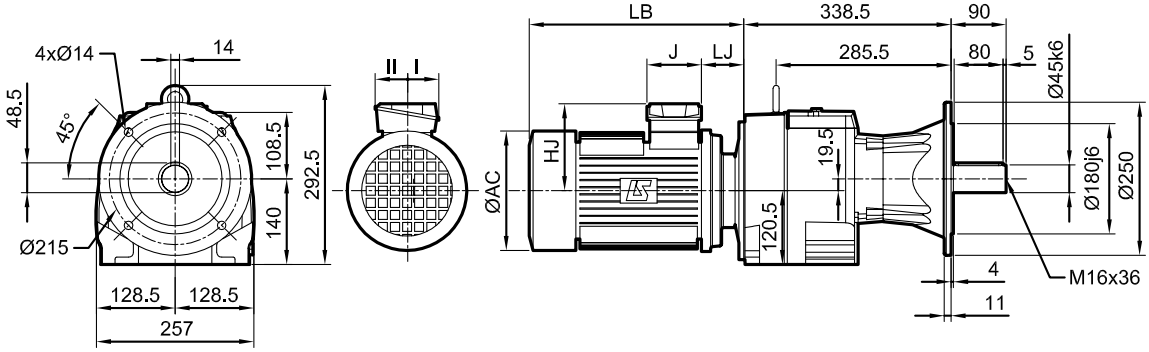
Flange BD2

Cb: 32.5 kg
+ Motor



Flange BR

Cb: 44 kg
+ Motor

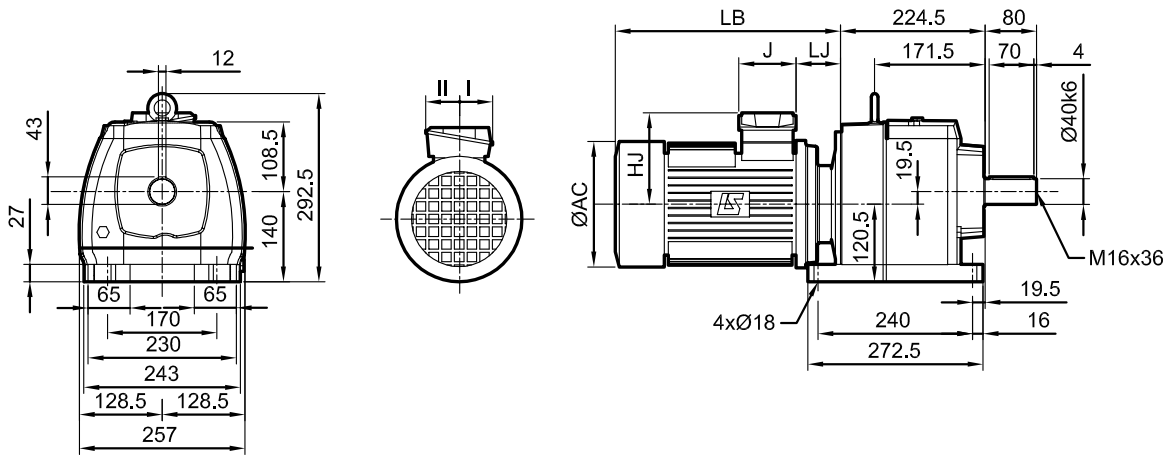


Dimensions
Cb 3333 - Built-in mounting MI

Dimensions in millimetres

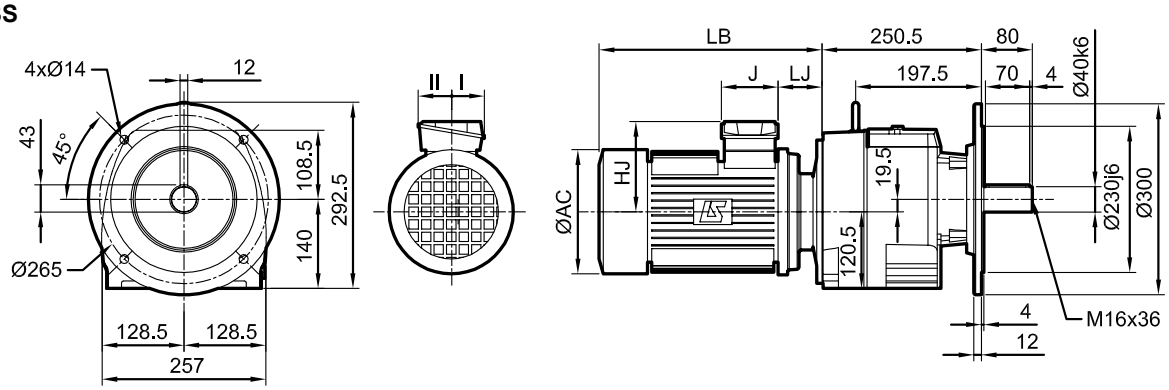
Feet S

Cb: 30 kg
+ Motor



Standard flange BS

Cb: 34 kg
+ Motor



Cb 33

Motor type	IMfinity® three-phase 4-pole motors[1]							
	AC	HJ	J	LB	LJ	I	II	kg
LS 71 L	*140*	*109*	*86*	*203.5*	*33*	*43*	*43*	*9*
LS 80 L	-	-	-	-	-	-	-	-
LSES 80 LG	190	135	86	284	63.5	43	43	15
LS 90 SL	-	-	-	-	-	-	-	-
LSES 90 SL	190	135	86	286	67	43	43	16.2
LS 90 L	-	-	-	-	-	-	-	-
LSES 90 L	190	135	86	286	67	43	43	16.2
LSES 90 LU	190	135	86	317.5	67	43	43	20.4
LS 100 L	-	-	-	-	-	-	-	-
LSES 100 L	200	140	86	331.5	68	43	43	23
LSES 100 LR	200	140	86	331.5	68	43	43	25.8
LSES 100 LG	235	149	86	346.5	67	43	43	31
LS 112 M	-	-	-	-	-	-	-	-
LSES 112 MU	235	149	86	364.5	67	43	43	37
LS 132 S	-	-	-	-	-	-	-	-
LSES 132 SU	227	172	126	393	48.5	63	63	42.1
LSES 132 SM	265	190	126	423	58	63	63	52
LS 132 M	-	-	-	-	-	-	-	-
LSES 132 M	265	190	126	433	65	63	63	52.1
LSES 132 MU	265	190	126	460	65	63	63	62.6

Brake type	IMfinity® three-phase 4-pole motors and brake[1]							
	AC	HJ	J	LB	LJ	I	II	kg
FFB 1	*140*	*130*	*160*	*295.5*	*21.5*	*55*	*55*	*11.3*
FFB 1	*170*	*141*	*160*	*343*	*45.5*	*55*	*55*	*13.9*
FFB 1	190	151	160	426	51.5	55	55	18
FFB 2	*190*	*151*	*160*	*430.5*	*55*	*55*	*55*	*18.2*
FFB 2	190	151	160	430.5	55	55	55	22.4
FFB 2	*190*	*151*	*160*	*430.5*	*55*	*55*	*55*	*21*
FFB 2	190	151	160	-	-	55	55	22.4
FFB 2	190	151	160	430.5	55	55	55	26.6
FFB 2	*200*	*156*	*160*	*478.5*	*56*	*55*	*55*	*29.1*
FFB 2	200	156	160	478.5	56	55	55	28.8
FFB 2	200	156	160	478.5	56	55	55	32
FFB 3	235	165	160	454.5	55	55	55	37.6
FFB 3	*200*	*156*	*160*	*478.5*	*56*	*55*	*55*	*29.6*
FFB 3	235	165	160	479.5	55	55	55	43.6
FFB 3	*227*	*168*	*160*	*505*	*56.5*	*55*	*55*	*44.6*
FFB 3	227	168	160	-	-	55	55	48.7
FFB 4	265	186	160	644	73.5	55	55	66.5
FFB 4	*265*	*186*	*160*	*644*	*73.5*	*55*	*55*	*67.4*
FFB 4	265	186	160	-	-	55	55	73.6
FFB 4	265	186	160	644	73.5	55	55	77.1

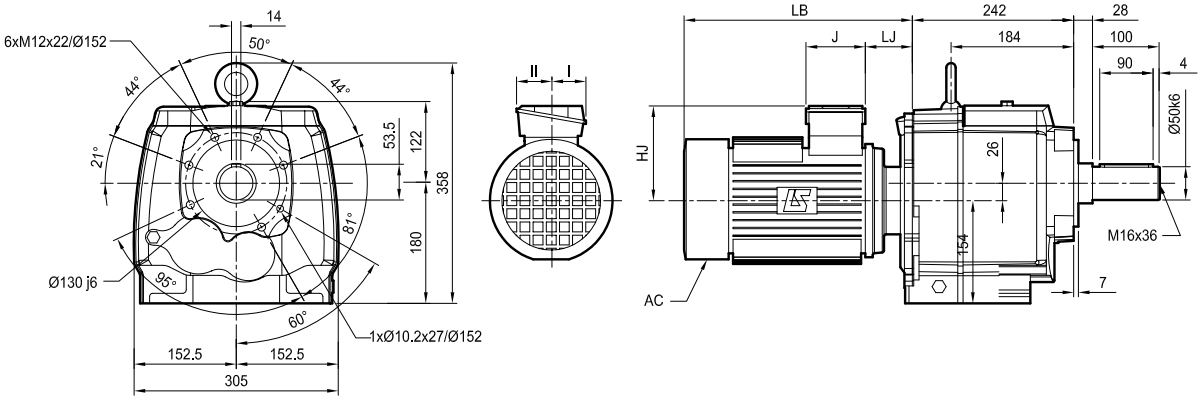
[1] *except motor, brake motor in italics: not concerned by the IE*

Dimensions
Cb 3433 - Built-in mounting MI

Dimensions in millimetres

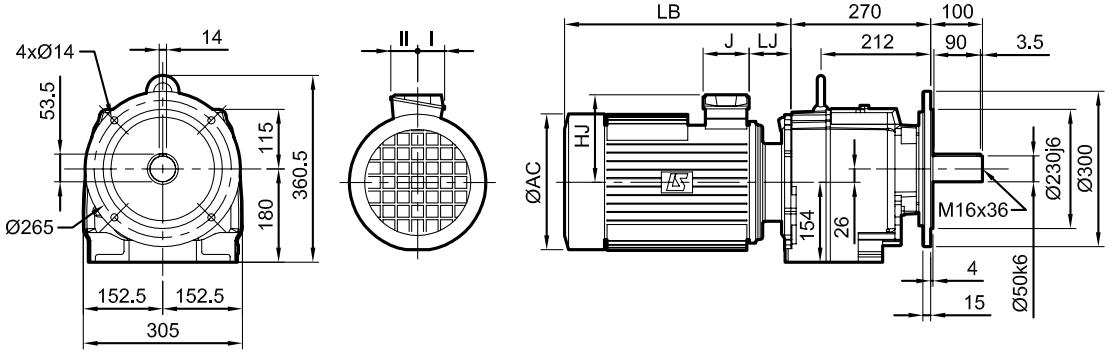
Tapped form BT

Cb: 48 kg
+ Motor



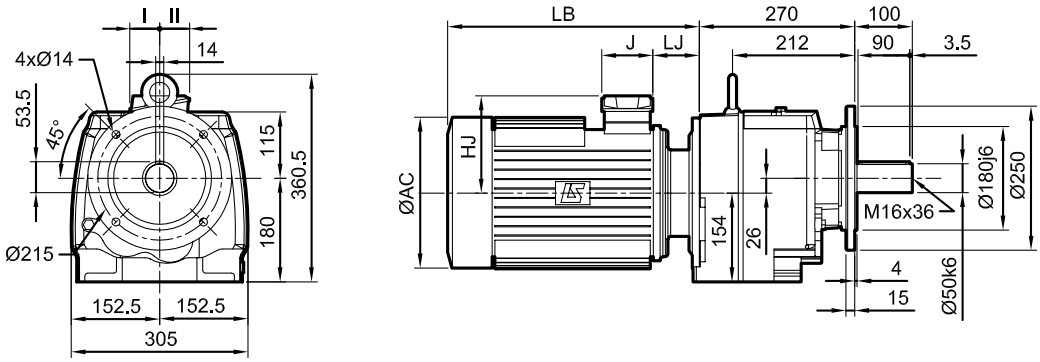
Flange BD1

Cb: 55 kg
+ Motor



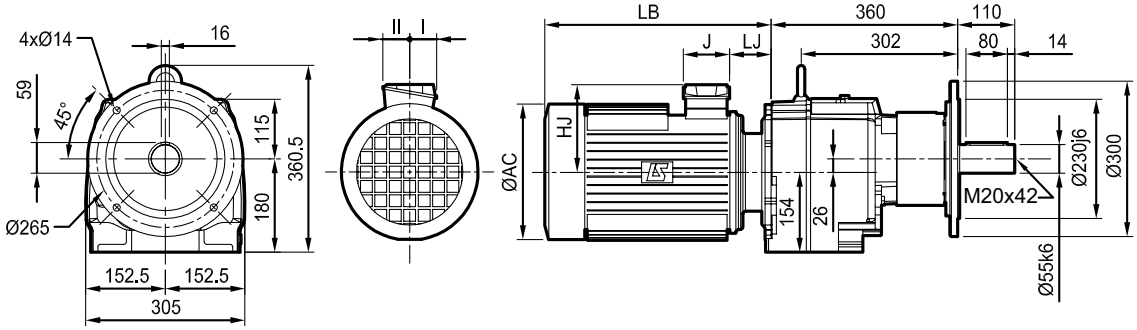
Flange BD2

Cb: 54 kg
+ Motor



Flange BR

Cb: 72 kg
+ Motor

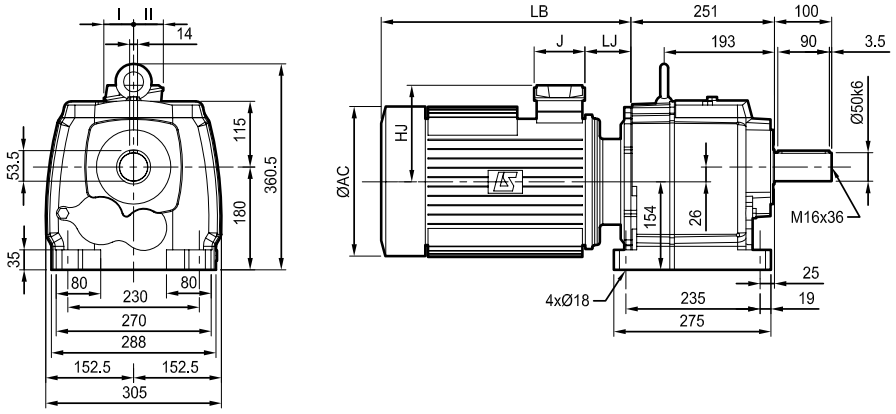


Dimensions
Cb 3433 - Built-in mounting MI

Dimensions in millimetres

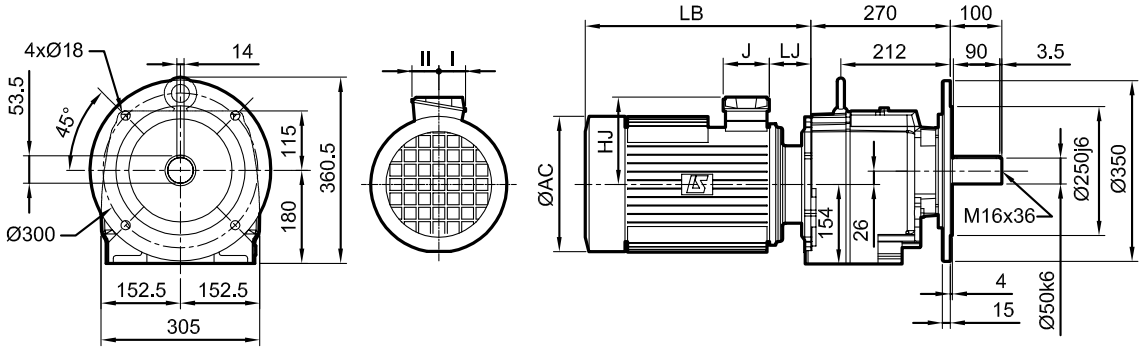
Feet S

Cb: 50 kg
+ Motor



Standard flange BS

Cb: 56 kg
+ Motor



Cb 34

Motor type	IMfinity® three-phase 4-pole motors							kg
	AC	HJ	J	LB	LJ	I	II	
LS 80 L	-	-	-	-	-	-	-	-
LSES 80 LG	190	135	86	288.5	68	43	43	15
LS 90 SL	-	-	-	-	-	-	-	-
LSES 90 SL	190	135	86	286	67	43	43	16.2
LS 90 L	-	-	-	-	-	-	-	-
LSES 90 L	190	135	86	286	67	43	43	16.2
LSES 90 LU	190	135	86	317.5	67	43	43	20.4
LS 100 L	-	-	-	-	-	-	-	-
LSES 100 L	200	140	86	331.5	68	43	43	23
LSES 100 LR	200	140	86	350.5	68	43	43	25.8
LSES 100 LG	235	149	86	346.5	67	43	43	31
LS 112 M	-	-	-	-	-	-	-	-
LSES 112 MU	235	149	86	364.5	67	43	43	37
LS 132 S	-	-	-	-	-	-	-	-
LSES 132 SU	227	172	126	397	52.5	63	63	42.1
LSES 132 SM	272	190	126	427	62	63	63	52
LS 132 M	-	-	-	-	-	-	-	-
LSES 132 M	272	190	126	437	69	63	63	59.1
LSES 132 MU	272	190	126	464	69	63	63	62.6
LSES 160 MR	272	190	126	506	69.5	63	63	78
LS 160 MP	-	-	-	-	-	-	-	-
LS 160 LR	-	-	-	-	-	-	-	-
LSES 160 L	312	235	135	508	55.8	88	64	90
LSES 160 M	312	235	135	508	55.8	88	64	93
LSES 160 LUR	312	235	135	523	55.8	88	64	100
LSES 180 MT	312	248	186	508	67.8	112	98	100
LS 180 LR	-	-	-	-	-	-	-	-
LSES 180 M	350	256	186	565	76.5	112	98	130
LSES 180 LUR	350	256	186	627	76.5	112	98	155

Brake type	IMfinity® three-phase 4-pole motors and brake[1]							kg
	AC	HJ	J	LB	LJ	I	II	
FFB 1	*170*	*141*	*160*	*347.5*	*50*	*55*	*55*	*13.9*
FFB 1	190	151	160	430.5	56	55	55	18
FFB 2	*190*	*151*	*160*	*430.5*	*55*	*55*	*55*	*18.2*
FFB 2	190	151	160	430.5	55	55	55	22.4
FFB 2	*190*	*151*	*160*	*430.5*	*55*	*55*	*55*	*21*
-	-	-	-	-	-	-	-	-
FFB 2	190	151	160	430.5	55	55	55	26.6
FFB 2	*200*	*156*	*160*	*478.5*	*56*	*55*	*55*	*29.1*
FFB 2	200	156	160	478.5	56	55	55	28.8
FFB 2	200	156	160	478.5	56	55	55	32
FFB 3	235	165	160	454.5	55	55	55	37.6
FFB 3	*200*	*156*	*160*	*478.5*	*56*	*55*	*55*	*29.6*
FFB 3	235	165	160	479.5	55	55	55	43.6
FFB 3	*227*	*168*	*160*	*509*	*60.5*	*55*	*55*	*44.6*
-	-	-	-	-	-	-	-	-
FFB 4	272	186	160	648	77.5	55	55	66.5
FFB 4	*272*	*186*	*160*	*648*	*77.5*	*55*	*55*	*67.4*
-	-	-	-	-	-	-	-	-
FFB 4	272	186	160	648	77.5	55	55	77.1
FFB 4	272	186	160	683	79.5	55	55	92.3
FFB 5	*272*	*186*	*160*	*682*	*78.5*	*55*	*55*	*82.9*
FFB 5	*272*	*186*	*160*	*682*	*78.5*	*55*	*55*	*96.1*
-	-	-	-	-	-	-	-	-
FFB 5	312	235	160	695	58.8	55	55	110
FFB 5	312	235	160	690	58.8	55	55	117
-	-	-	-	-	-	-	-	-
FCPL54-H1D	*312*	*249*	*186*	*696*	*67.8*	*112*	*98*	*152*
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

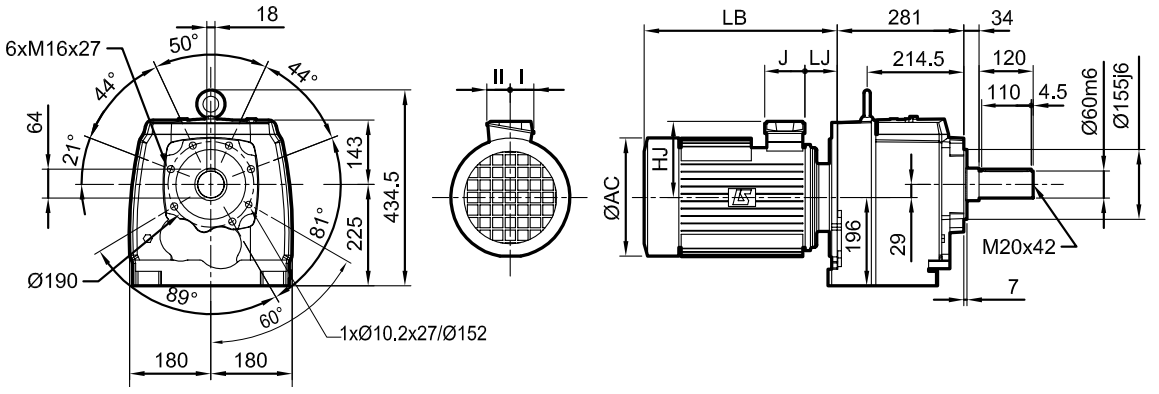
[1] *except motor, brake motor in italics: not concerned by the IE*

Dimensions
Cb 3533 - Built-in mounting MI

Dimensions in millimetres

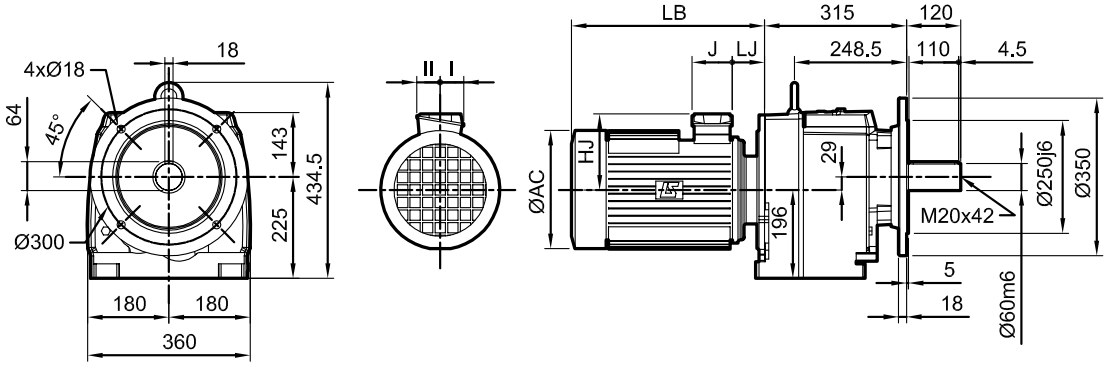
Tapped form BT

Cb: 86 kg
+ Motor



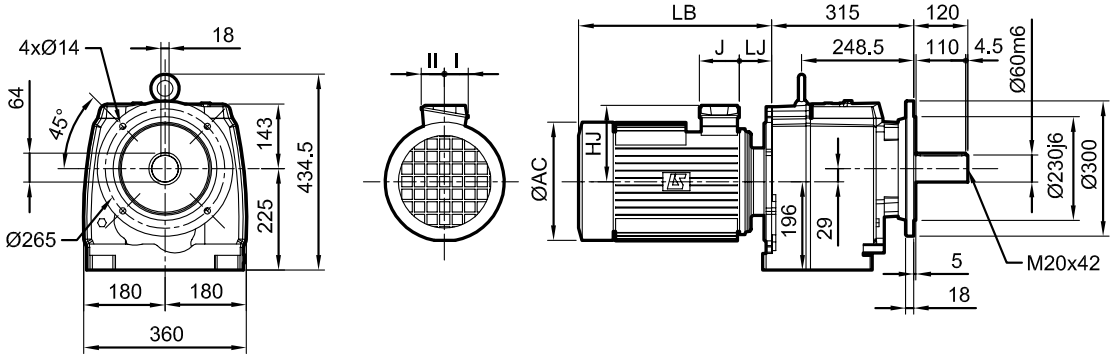
Flange BD1

Cb: 96 kg
+ Motor



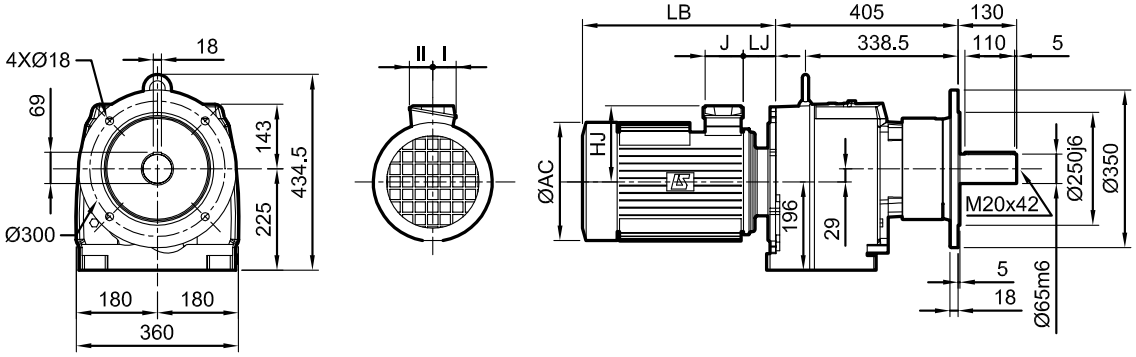
Flange BD2

Cb: 90 kg
+ Motor



Flange BR

Cb: 130 kg
+ Motor



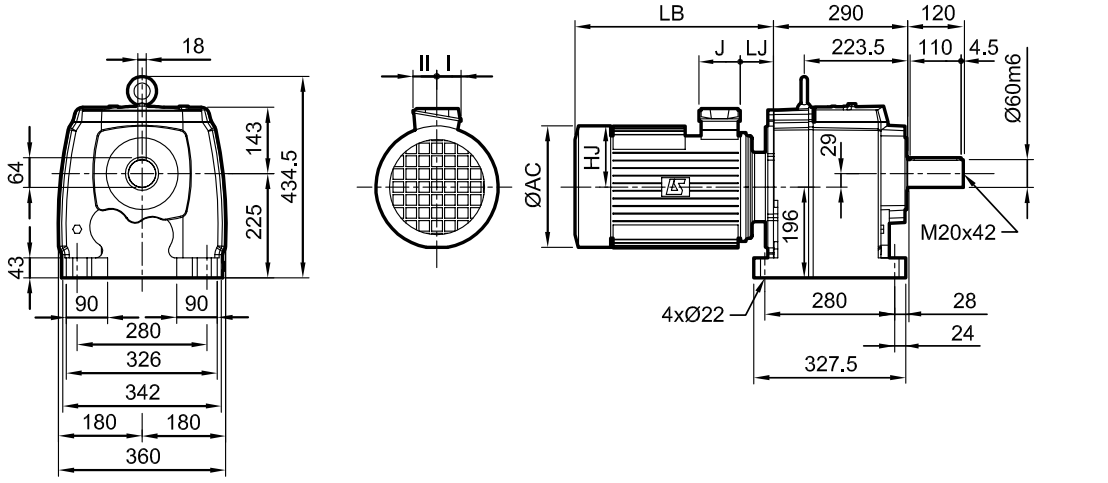
Dimensions

Cb 3533 - Built-in mounting MI

Dimensions in millimetres

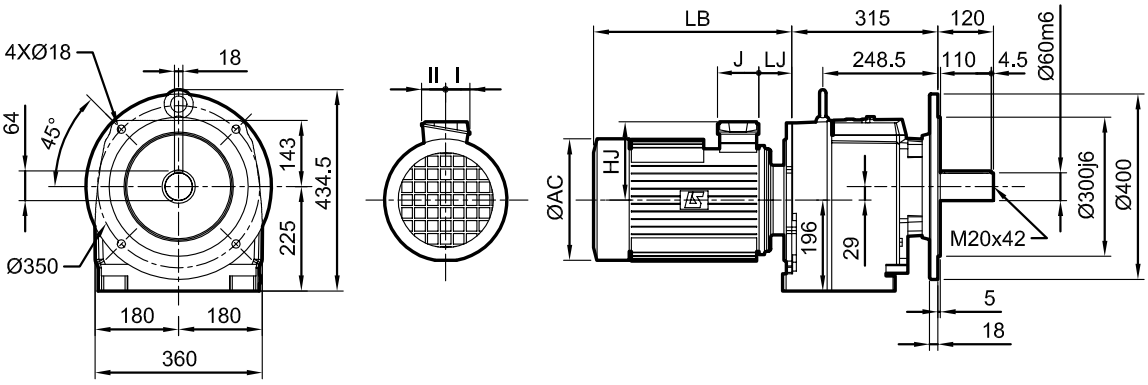
Feet S

Cb: 90 kg
+ Mot



Standard flange BS

Cb: 97 kg
+ Mot



Cb 35

Motor type	IMfinity® three-phase 4-pole motors							
	AC	HJ	J	LB	LJ	I	II	kg
LS 90 SL	-	-	-	-	-	-	-	-
LSES 90 SL	190	135	86	281	62	43	43	16.2
LS 90 L	-	-	-	-	-	-	-	-
LSES 90 L	190	135	86	326.5	63	43	43	16.2
LSES 90 LU	190	135	86	312.5	62	43	43	20.4
LS 100 L	-	-	-	-	-	-	-	-
LSES 100 L	200	140	86	326.5	63	43	43	22.6
LSES 100 LR	200	140	86	345.5	63	43	43	25.8
LSES 100 LG	235	149	86	341.5	62	43	43	31
LS 112 M	-	-	-	-	-	-	-	-
LSES 112 MU	235	149	86	359.5	62	43	43	37
LS 132 S	-	-	-	-	-	-	-	-
LSES 132 SU	227	172	126	388	43.5	63	63	42.1
LSES 132 SM	272	190	126	418	53	63	63	52
LS 132 M	-	-	-	-	-	-	-	-
LSES 132 M	272	190	126	428	60	63	63	59.1
LSES 132 MU	272	190	126	455	60	63	63	62.6
LSES 160 MR	272	190	126	498	61.5	63	63	77.8
LS 160 MP	-	-	-	-	-	-	-	-
LS 160 LR	-	-	-	-	-	-	-	-
LSES 160 L	312	235	135	499	46.8	88	64	90
LSES 160 M	312	235	135	499	46.8	88	64	93
LSES 160 LUR	312	235	135	514	46.8	88	64	100
LSES 180 MT	312	248	186	499	58.8	112	98	100
LS 180 LR	-	-	-	-	-	-	-	-
LSES 180 LR	312	248	186	524	58.8	112	98	108
LSES 180 M	350	256	186	556	67.5	112	98	130
LSES 180 LUR	350	256	186	618	67.5	112	98	155
LSES 200 LR	350	256	186	618	67.5	112	98	166
LS 200 LR / LT	-	-	-	-	-	-	-	-
LSES 200 LU	390	276	186	683	91	112	98	225

Brake type	IMfinity® three-phase 4-pole motors and brake[1]							
	AC	HJ	J	LB	LJ	I	II	kg
FFB 2	*190*	*151*	*160*	*425.5*	*50*	*55*	*55*	*18.2*
FFB 2	190	151	160	425.5	50	55	55	22.4
FFB 2	*190*	*151*	*160*	*425.5*	*50*	*55*	*55*	*21*
-	-	-	-	-	-	-	-	-
FFB 2	190	151	160	425.5	50	55	55	26.6
FFB 2	*200*	*156*	*160*	*473.5*	*51*	*55*	*55*	*29.1*
FFB 2	200	156	160	473.5	51	55	55	28.8
FFB 2	200	156	160	473.5	51	55	55	32
FFB 3	235	165	160	449.5	50	55	55	37.6
FFB 3	*200*	*156*	*160*	*473.5*	*51*	*55*	*55*	*29.6*
FFB 3	235	165	160	474.5	50	55	55	43.6
FFB 3	*227*	*168*	*160*	*500*	*51.5*	*55*	*55*	*44.6*
-	-	-	-	-	-	-	-	-
FFB 4	272	186	160	500	51.5	55	55	66.5
FFB 4	*272*	*186*	*160*	*639*	*68.5*	*55*	*55*	*67.4*
-	-	-	-	-	-	-	-	-
FFB 4	272	186	160	639	68.5	55	55	77.1
FFB 4	272	186	160	674	69.5	55	55	92.3
FFB 5	*272*	*186*	*160*	*674*	*69.5*	*55*	*55*	*82.9*
FFB 5	*272*	*186*	*160*	*674*	*69.5*	*55*	*55*	*96.1*
-	-	-	-	-	-	-	-	-
FFB 5	312	235	160	687	54.8	55	55	110
FFB 5	312	235	160	682	54.8	55	55	117
-	-	-	-	-	-	-	-	-
FCPL 54H1D	*312*	*249*	*186*	*687*	*58.8*	*112*	*98*	*152*
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
FCPL 54H1D[2]	*350*	*256*	*186*	*783*	*67.5*	*112*	*98*	*200*
-	-	-	-	-	-	-	-	-

[1] except brake motor in italics: not concerned by the IE

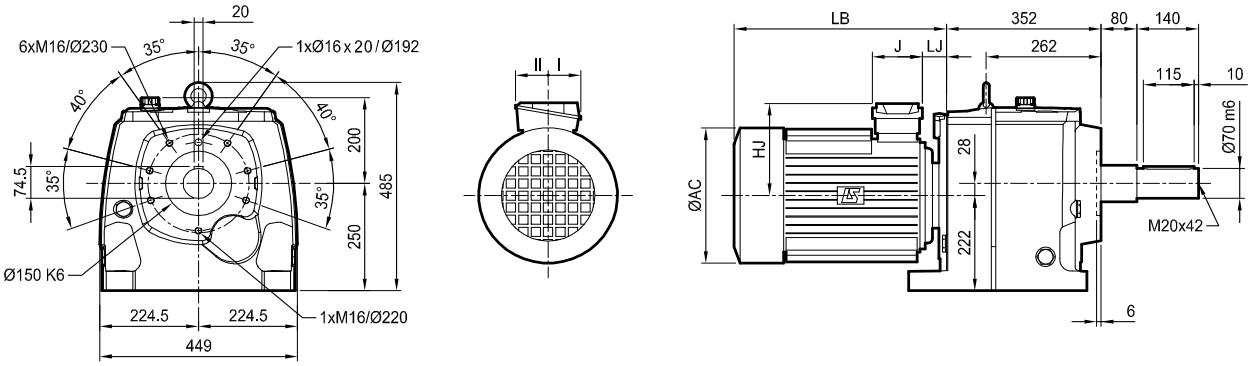
[2] with CDF board

Dimensions
Cb 3633 - Built-in mounting MI

Dimensions in millimetres

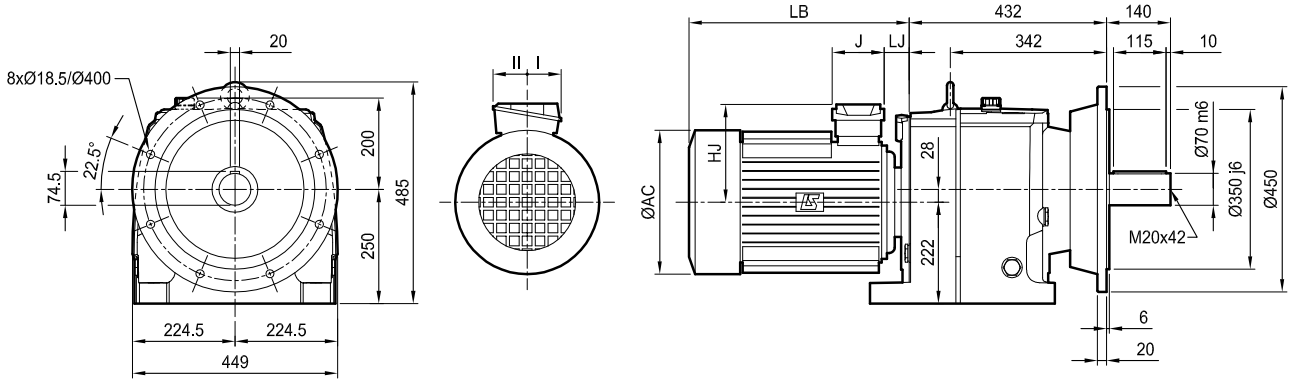
Tapped form BT

Cb: 162 kg
+ Motor



Flange BD1

Cb: 190 kg
+ Motor

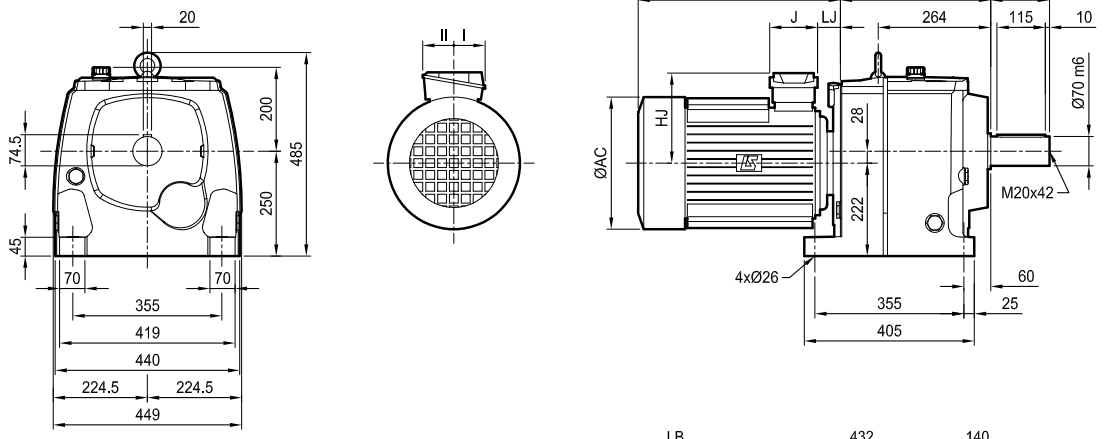


Dimensions
Cb 3633 - Built-in mounting MI

Feet S

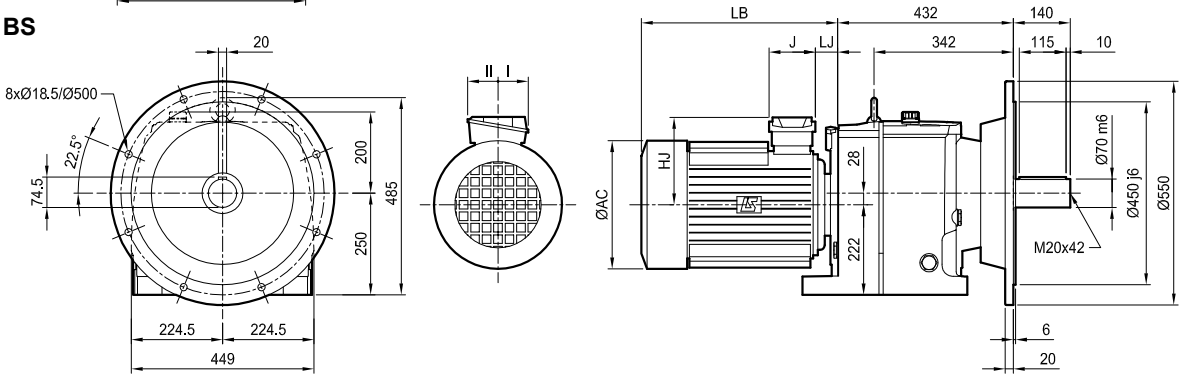
Dimensions in millimetres

Cb: 162 kg
+ Motor



Standard flange BS

Cb: 196 kg
+ Motor



Cb 36

Motor type	IMfinity® three-phase 4-pole motors							
	AC	HJ	J	LB	LJ	I	II	kg
LS 90 SL	-	-	-	-	-	-	-	-
LSES 90 SL	190	135	86	272	53	43	43	16.2
LS 90 L	-	-	-	-	-	-	-	-
LSES 90 L	190	135	86	272	53	43	43	16.2
LSES 90 LU	190	135	86	303.5	53	43	43	20.4
LS 100 L	-	-	-	-	-	-	-	-
LSES 100 L	200	140	86	317.5	54	43	43	22.6
LSES 100 LR	200	140	86	336.5	54	43	43	25.8
LSES 100 LG	235	149	86	332.5	53	43	43	31
LS 112 M	-	-	-	-	-	-	-	-
LSES 112 MU	235	149	86	350.5	53	43	43	37
LS 132 S	-	-	-	-	-	-	-	-
LSES 132 SU	227	172	126	379	34.5	63	63	42.1
LSES 132 SM	272	190	126	409	44	63	63	52
LS 132 M	-	-	-	-	-	-	-	-
LSES 132 M	272	190	126	419	51	63	63	59.1
LSES 132 MU	272	190	126	446	51	63	63	62.6
LSES 160 MR	272	190	126	489	52.5	63	63	77.8
LS 160 MP	-	-	-	-	-	-	-	-
LS 160 LR	-	-	-	-	-	-	-	-
LSES 160 L	312	235	135	490	37.8	88	64	90
LSES 160 M	312	235	135	490	37.8	88	64	93
LSES 160 LUR	312	235	135	505	37.8	88	64	100
LSES 180 MT	312	248	186	490	49.8	112	98	100
LS 180 LR	-	-	-	-	-	-	-	-
LSES 180 LR	312	248	186	515	49.8	112	98	108
LSES 180 M	350	256	186	547	58.8	112	98	130
LSES 180 LUR	350	256	186	609	58.8	112	98	155
LSES 200 LR	350	256	186	609	58.8	112	98	166
LS 200 LR / LT	-	-	-	-	-	-	-	-
LSES 200 LU	390	276	186	674	82	112	98	225
LSES 225 ST	390	310	231	626	59.5	119	142	205
LSES 225 SR	390	310	231	674	72.5	119	142	236

Brake type	IMfinity® three-phase 4-pole motors and brake[1]							
	AC	HJ	J	LB	LJ	I	II	kg
FFB 2	*190*	*151*	*160*	*416.5*	*41*	*55*	*55*	*18.2*
FFB 2	190	151	160	416.5	41	55	55	22.4
FFB 2	*190*	*151*	*160*	*416.5*	*41*	*55*	*55*	*21*
-	-	-	-	-	-	-	-	-
FFB 2	190	151	160	416.5	41	55	55	26.6
FFB 2	*200*	*156*	*160*	*464.5*	*41*	*55*	*55*	*29.1*
FFB 2	200	156	160	464.5	41	55	55	28.8
FFB 2	200	156	160	464.5	42	55	55	32
FFB 3	235	165	160	440.5	41	55	55	37.6
FFB 3	*200*	*156*	*160*	*464.5*	*42*	*55*	*55*	*29.6*
FFB 3	235	165	160	465.5	41	55	55	43.6
FFB 3	*227*	*168*	*160*	*491*	*42.5*	*55*	*55*	*44.6*
-	-	-	-	-	-	-	-	-
FFB 4	272	186	160	623	52	55	55	66.5
FFB 4	*272*	*186*	*160*	*630*	*59.5*	*55*	*55*	*67.4*
-	-	-	-	-	-	-	-	-
FFB 4	272	186	160	630	59.5	55	55	77.1
FFB 4	272	186	160	651	59	55	55	92.3
FFB 5	*272*	*186*	*160*	*651*	*59*	*55*	*55*	*82.9*
FFB 5	*272*	*186*	*160*	*651*	*59*	*55*	*55*	*96.1*
-	-	-	-	-	-	-	-	-
FFB 5	312	235	160	667	55.8	55	55	110
FFB 5	312	235	160	652	55.8	55	55	117
-	-	-	-	-	-	-	-	-
FCPL 54H1D	*345*	*248*	*186*	*678*	*49*	*112*	*98*	*152*
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
FCPL 54H1D[2]	*350*	*256*	*186*	*774*	*59*	*112*	*98*	*200*
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

[1] except brake motor in italics: not concerned by the IE

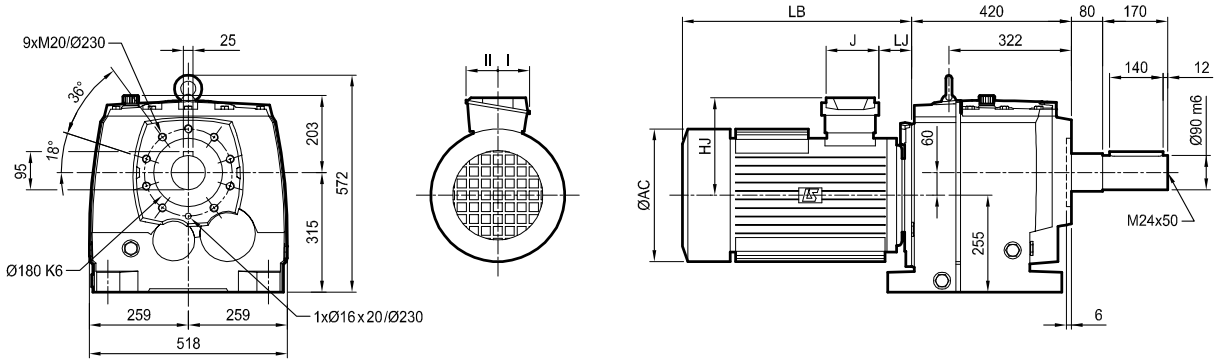
[2] with CDF board

Dimensions
Cb 3733 - Built-in mounting MI

Dimensions in millimetres

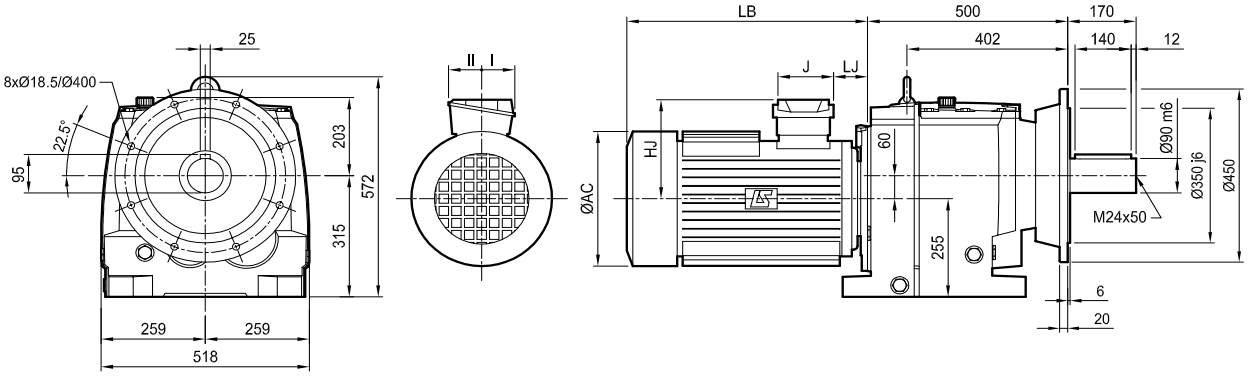
Tapped form BT

Cb: 192 kg
+ Motor



Flange BD1

Cb: 222 kg
+ Motor

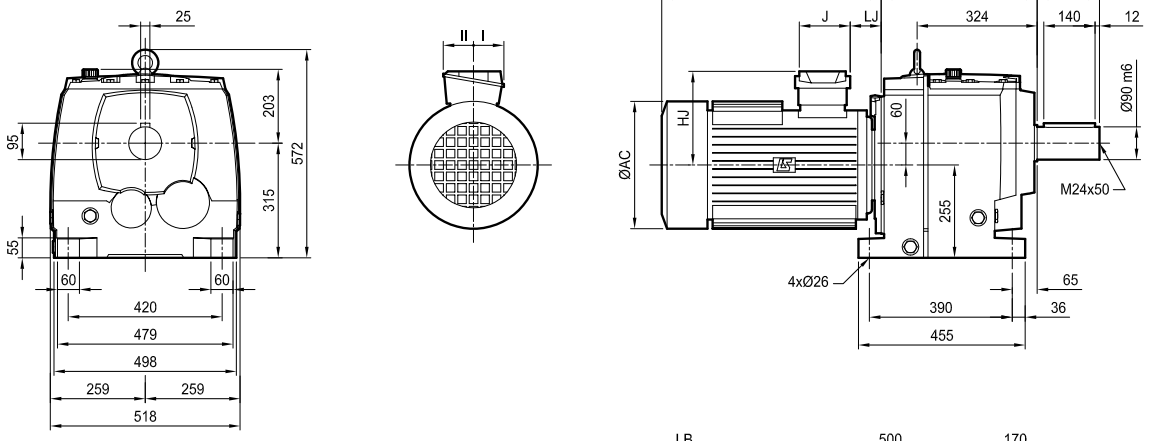


Dimensions
Cb 3733 - Built-in mounting MI

Dimensions in millimetres

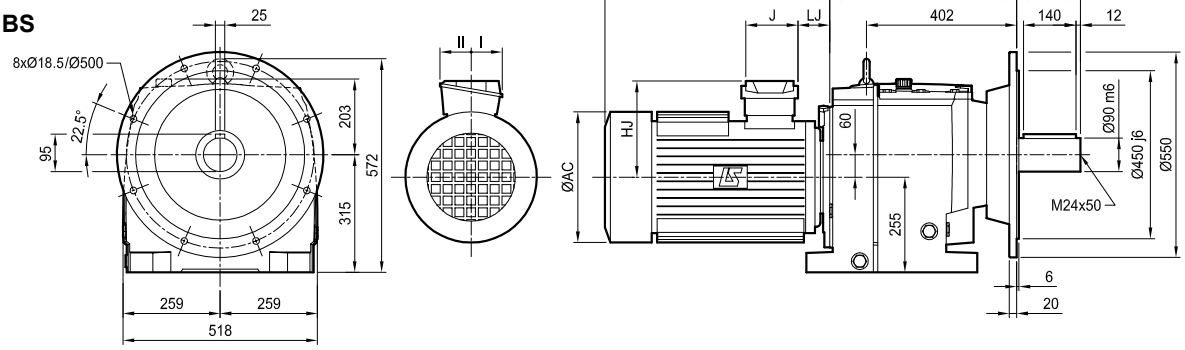
Feet S

Cb: 192 kg
+ Motor



Standard flange BS

Cb: 228 kg
+ Motor



Cb 37

Motor type	IMfinity® three-phase 4-pole motors							kg
	AC	HJ	J	LB	LJ	I	II	
LS 90 SL	-	-	-	-	-	-	-	-
LSES 90 SL	190	135	86	272	53	43	43	16.2
LS 90 L	-	-	-	-	-	-	-	-
LSES 90 L	190	135	86	272	53	43	43	16.2
LSES 90 LU	190	135	86	303.5	53	43	43	20.4
LS 100 L	-	-	-	-	-	-	-	-
LSES 100 L	200	140	86	317.5	54	43	43	22.6
LSES 100 LR	200	140	86	336.5	54	43	43	25.8
LSES 100 LG	235	149	86	332.5	53	43	43	31
LS 112 M	-	-	-	-	-	-	-	-
LSES 112 MU	235	149	86	350.5	53	43	43	37
LS 132 S	-	-	-	-	-	-	-	-
LSES 132 SU	227	172	126	379	34.5	63	63	42.1
LSES 132 SM	272	190	126	409	44	63	63	52
LS 132 M	-	-	-	-	-	-	-	-
LSES 132 M	272	190	126	419	51	63	63	59.1
LSES 132 MU	272	190	126	446	51	63	63	62.6
LSES 160 MR	272	190	126	489	52.5	63	63	77.8
LS 160 MP	-	-	-	-	-	-	-	-
LS 160 LR	-	-	-	-	-	-	-	-
LSES 160 L	312	235	135	490	37.8	88	64	90
LSES 160 M	312	235	135	490	37.8	88	64	93
LSES 160 LUR	312	235	135	505	37.8	88	64	100
LSES 180 MT	312	248	186	490	49.8	112	98	100
LS 180 LR	-	-	-	-	-	-	-	-
LSES 180 LR	312	248	186	515	49.8	112	98	108
LSES 180 M	350	256	186	547	58.8	112	98	130
LSES 180 LUR	350	256	186	609	58.8	112	98	155
LSES 200 LR	350	256	186	609	58.8	112	98	166
LS 200 LR / LT	-	-	-	-	-	-	-	-
LSES 200 LU	390	276	186	674	82	112	98	225
LSES 225 ST	390	310	231	626	59.5	119	142	205
LSES 225 SR	390	310	231	674	72.5	119	142	236

Brake type	IMfinity® three-phase 4-pole motors and brake[1]							kg
	AC	HJ	J	LB	LJ	I	II	
FFB 2	*190*	*151*	*160*	*416.5*	*41*	*55*	*55*	*18.2*
FFB 2	190	151	160	416.5	41	55	55	22.4
FFB 2	*190*	*151*	*160*	*416.5*	*41*	*55*	*55*	*21*
-	-	-	-	-	-	-	-	-
FFB 2	190	151	160	416.5	41	55	55	26.6
FFB 2	*200*	*156*	*160*	*464.5*	*41*	*55*	*55*	*29.1*
FFB 2	200	156	160	464.5	41	55	55	28.8
FFB 2	200	156	160	464.5	42	55	55	32
FFB 3	235	165	160	440.5	41	55	55	37.6
FFB 3	*200*	*156*	*160*	*464.5*	*42*	*55*	*55*	*29.6*
FFB 3	235	165	160	465.5	41	55	55	43.6
FFB 3	*227*	*168*	*160*	*491*	*42.5*	*55*	*55*	*44.6*
-	-	-	-	-	-	-	-	-
FFB 4	272	186	160	623	52	55	55	66.5
FFB 4	*272*	*186*	*160*	*630*	*59.5*	*55*	*55*	*67.4*
-	-	-	-	-	-	-	-	-
FFB 4	272	186	160	630	59.5	55	55	77.1
FFB 4	272	186	160	651	59	55	55	92.3
FFB 5	*272*	*186*	*160*	*651*	*59*	*55*	*55*	*82.9*
FFB 5	*272*	*186*	*160*	*651*	*59*	*55*	*55*	*96.1*
-	-	-	-	-	-	-	-	-
FFB 5	312	235	160	667	55.8	55	55	110
FFB 5	312	235	160	652	55.8	55	55	117
-	-	-	-	-	-	-	-	-
FCPL 54H1D	*345*	*248*	*186*	*678*	*49*	*112*	*98*	*152*
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
FCPL 54H1D[2]	*350*	*256*	*186*	*774*	*59*	*112*	*98*	*200*
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

[1] except brake motor in italics: not concerned by the IE

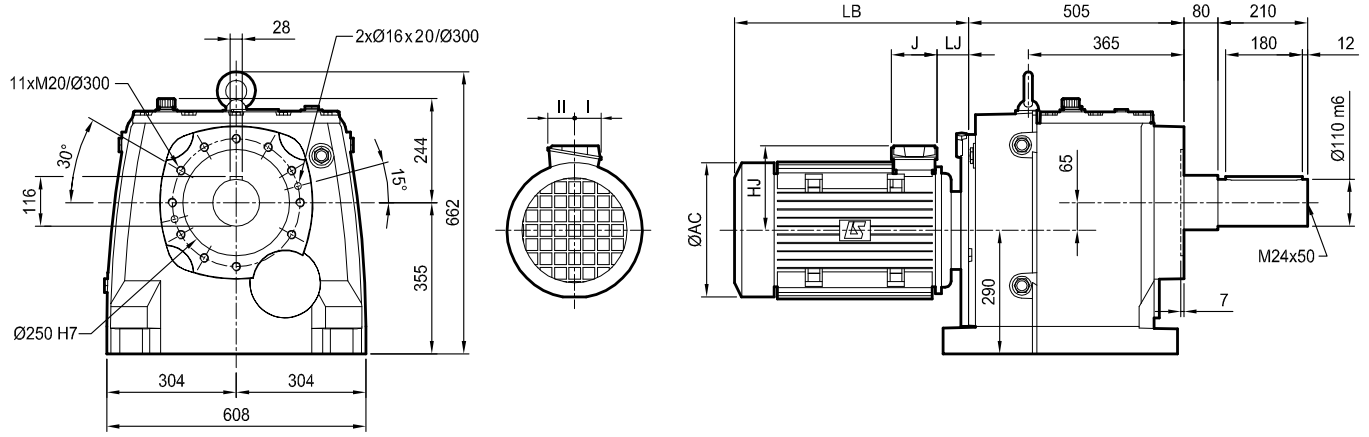
[2] with CDF board

Dimensions
Cb 3833 - Built-in mounting MI

Dimensions in millimetres

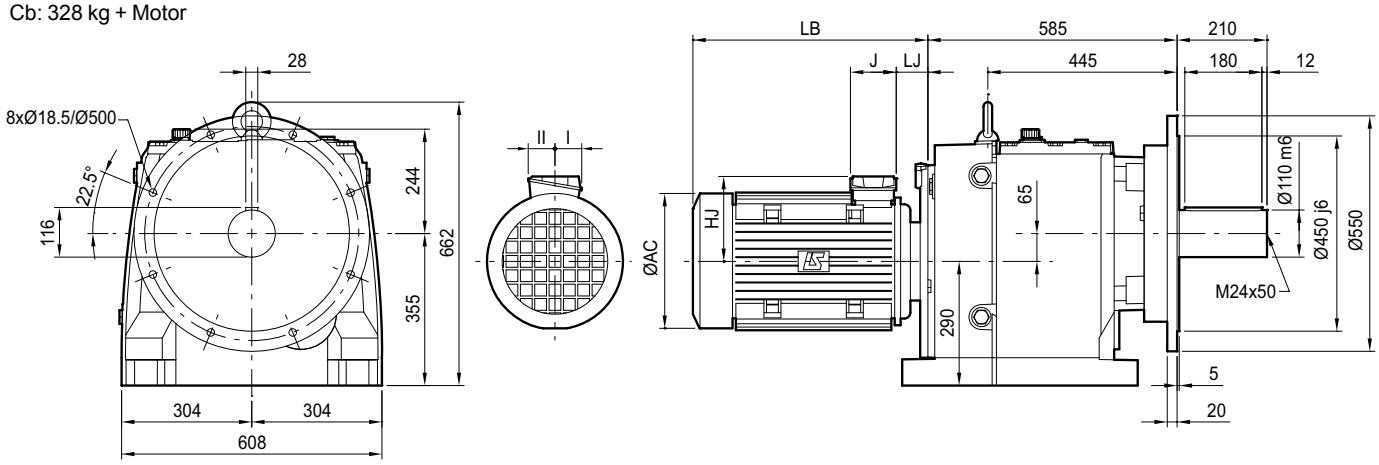
Tapped form BT

Cb: 290 kg + Motor



Flange BD1

Cb: 328 kg + Motor

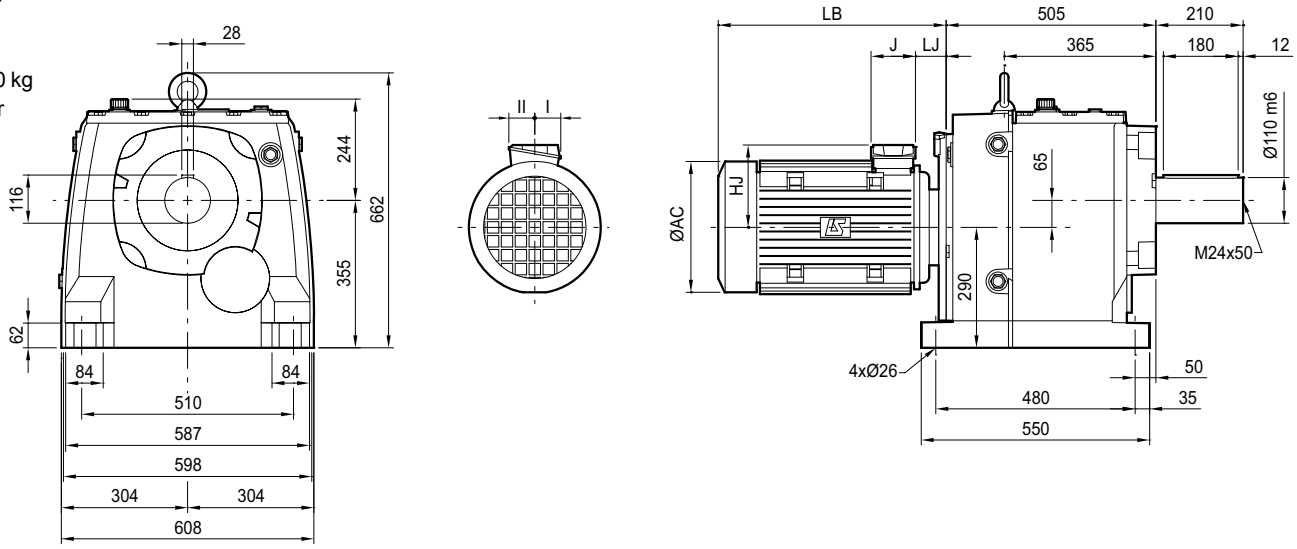


Dimensions
Cb 3833 - Built-in mounting MI

Dimensions in millimetres

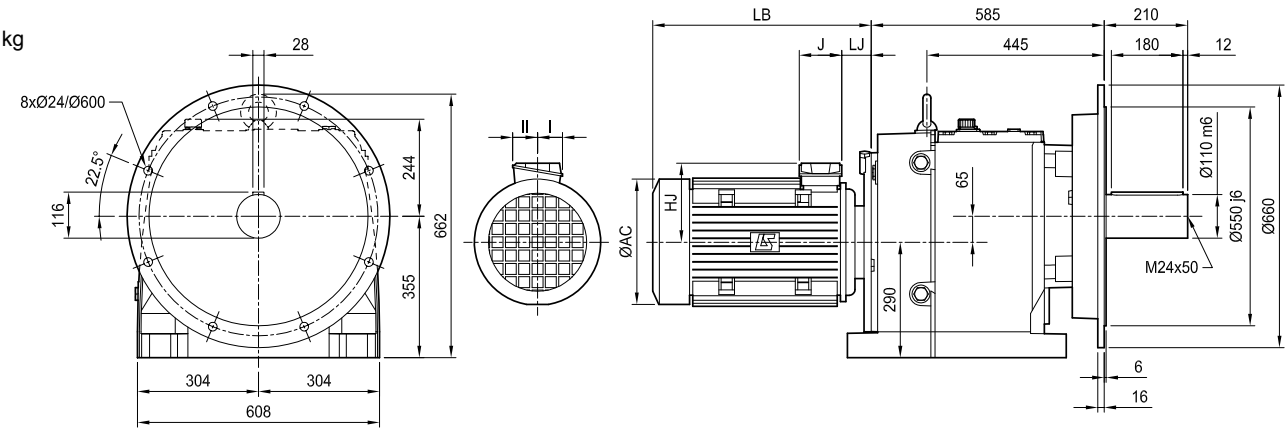
Feet S

Cb: 290 kg
+ Motor



Standard flange BS

Cb: 352 kg
+ Motor



Cb 38

Motor type	IMfinity® three-phase 4-pole motors							
	AC	HJ	J	LB	LJ	I	II	kg
LS 132 M	-	-	-	-	-	-	-	-
LSES 132 M	272	190	126	406	38	63	63	59.1
LSES 132 MU	272	190	126	433	38	63	63	62.6
LSES 160 MR	272	190	126	476	40	63	63	77.8
LS 160 MP	-	-	-	-	-	-	-	-
LS 160 LR	-	-	-	-	-	-	-	-
LSES 160 L	312	235	135	477	26	92	63	90
LSES 160 M	312	235	135	477	27	92	63	93
LSES 160 LUR	312	235	135	492	26	92	63	100
LSES 180 MT	312	248	186	477	36	112	98	100
LS 180 LR	-	-	-	-	-	-	-	-
LSES 180 LR	312	248	186	502	36	112	98	108
LSES 180 M	350	256	186	534	46	112	98	130
LSES 180 LUR	350	256	186	596	46	112	98	155
LSES 200 LR	350	256	186	596	46	112	98	166
LS 200 LR / LT	-	-	-	-	-	-	-	-
LSES 200 LU	390	276	186	661.5	69.5	112	98	225
LSES 225 ST	390	310	231	612.5	46.5	119	142	205
LSES 225 SR	390	365	231	661.5	60.5	151	181	236

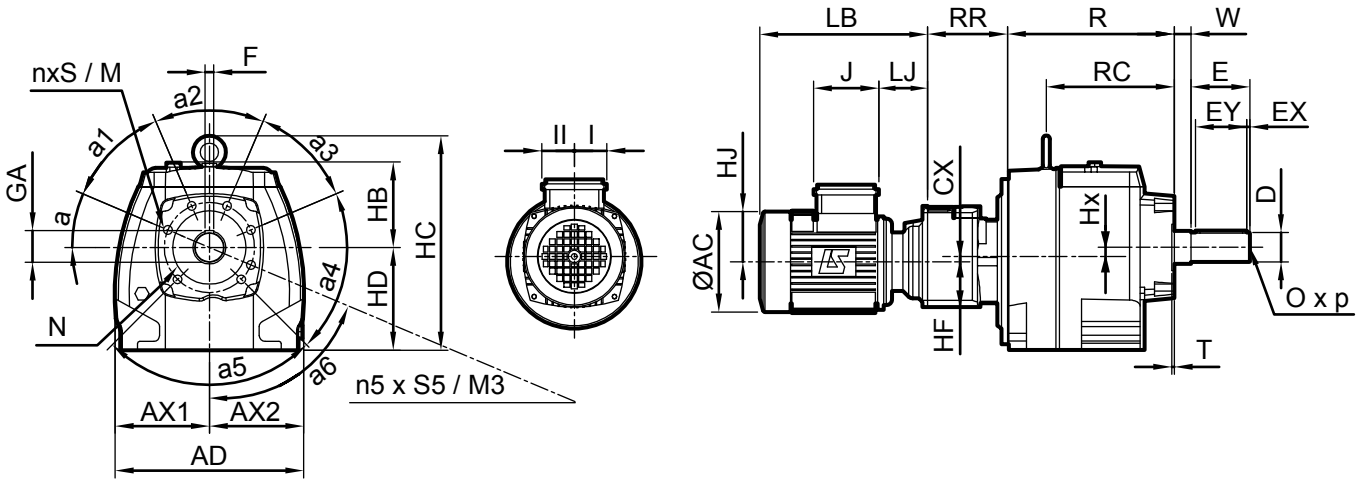
Brake type	IMfinity® three-phase 4-pole motors and brake[1]							
	AC	HJ	J	LB	LJ	I	II	kg
FFB 4	*265*	*186*	*160*	*617*	*46.5*	*55*	*55*	*67.4*
-	-	-	-	-	-	-	-	-
FFB 4	265	186	160	617	46.5	55	55	77.1
FFB 4	264	186	160	651	47.5	55	55	92.3
FFB 5	*264*	*186*	*160*	*651*	*47.5*	*55*	*55*	*82.9*
FFB 5	*265*	*186*	*160*	*651*	*47.5*	*55*	*55*	*96.1*
-	-	-	-	-	-	-	-	-
FFB 5	312	201	160	664	35	55	55	110
FFB 5	312	201	160	659	35	55	55	117
-	-	-	-	-	-	-	-	-
FCPL 54H1D	*312*	*248*	*186*	*665*	*36*	*112*	*98*	*152*
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
FCPL 54H1D[2]	*350*	*256*	*186*	*761*	*46*	*112*	*98*	*240*
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

[1] *except brake motor in italics: not concerned by the IE*
[2] *with CDF board*

Dimensions
Cb combined

Dimensions in millimetres

Tapped form BT



	Compabloc														BT									
Cb	AD	AX1	AX2	CX	HB	HC	HD	HD	HF	HX	R	RC	RR	W	a° to axx°	ØN	n	ØS	ØM	ØN	n5	ØS5	ØM3	kg
Cb 3835	608	304	304	26	244	662	290	355	154	65	505	365	229	80	on page 144	250H7	11	M20x35	300	250H7	2	16x20	300	346
Cb 3735	518	259	259	10	203	572	255	315	105	60	420	322	177.5	80	on page 142	180K6	9	M20x35	230	180K6	1	16x20	230	211
Cb 3635	449	224.5	224.5	10	200	485	222	250	105	28	352	262	177.5	80	on page 140	150K6	6+1	M16x27	230/220	150K6	1	16x20	192	181
Cb 3535	360	180	180	8.5	143	434.5	196	225	81.5	29	281	214.5	168.5	34	on page 138	155j6	6	M16x27	190	155j6	1	10.2x27	190	99.4
Cb 3435	305	152.5	152.5	8.5	115	360.5	154	180	81.5	26	242	184	176.5	28	on page 136	130j6	6	M12x22	152	130j6	1	10.2x27	152	61.4
Cb 3335	257	128.5	128.5	-7	108.5	292.5	120.5	140	70	19.5	227.5	174.5	109	23	on page 134	100K6	6	M12x22	123	100j6	1	10.2x27	123	33.9
Cb 3235	222	115	107	-7	89	232.5	105	115	70	10	177.5	130.5	113	15	on page 132	82j6	6	M10x22	100	82j6	1	8x20	102	23.1

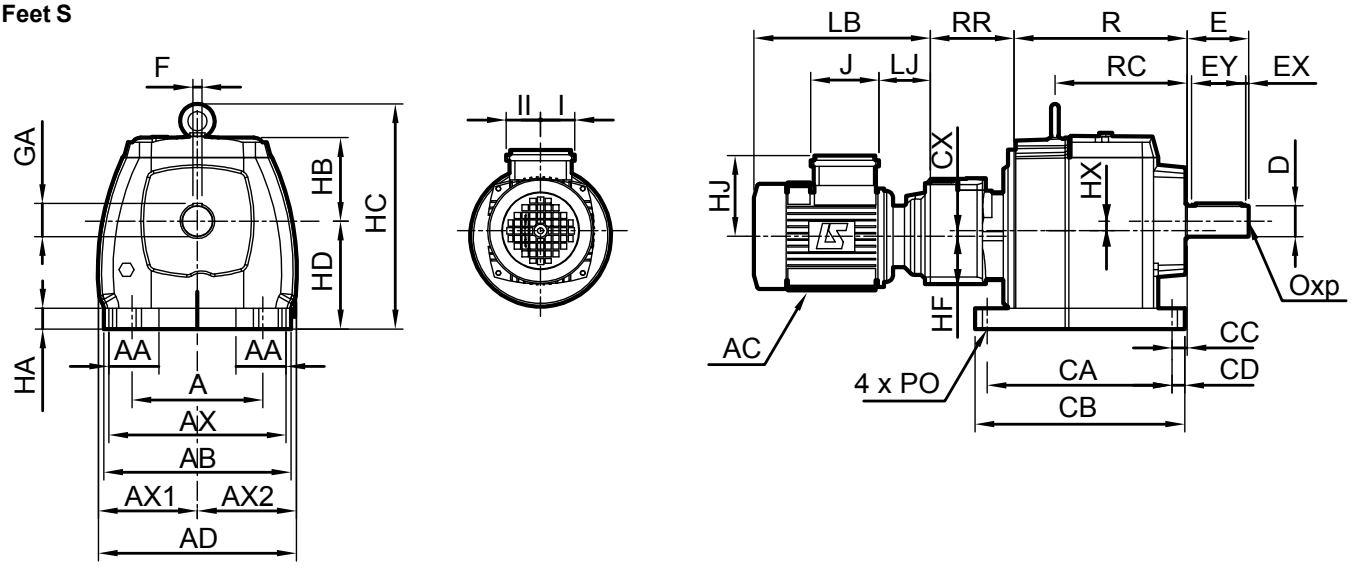
	Shaft extension							
Cb	ØD	E	EX	EY	F	GA	O	Z
Cb 3835	110m6	210	12	180	28	116	M24	50
Cb 3735	90m6	170	12	140	25	95	M24	50
Cb 3635	70m6	140	10	115	20	74.5	M20	42
Cb 3535	60m6	120	4.5	110	18	64	M20	42
Cb 3435	50k6	100	3.5	90	14	53.5	M16	36
Cb 3335	40k6	80	4	70	12	43	M16	36
Cb 3235	30j6	60	3.5	50	8	33	M10	22

	IMfinity® three-phase 4-pole								IMfinity® three-phase 4-pole and brake							
Cb	AC	HJ	J	LB	LJ	I	II	kg	AC	HJ	J	LB	LJ	I	II	kg
Cb 3835				on page 137								on page 137				
Cb 3735				on page 133								on page 133				
Cb 3635				on page 133								on page 133				
Cb 3535				on page 131								on page 131				
Cb 3435				on page 131								on page 131				
Cb 3335				on page 127								on page 127				
Cb 3235				on page 127								on page 127				

Dimensions
Cb combined

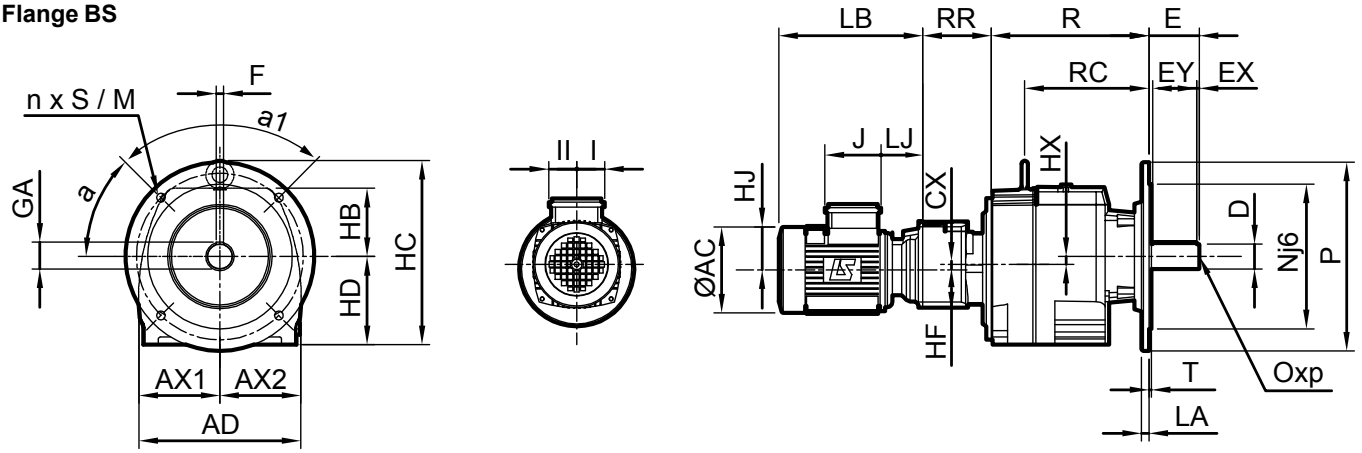
Dimensions in millimetres

Feet S



	Compabloc																						
Cb	A	AA	AB	AD	AX	AX1	AX2	CA	CB	CC	CD	CX	HA	HB	HC	HD	HF	HX	ØPO	R	RC	RR	kg
Cb 3835	510	84	598	608	587	304	304	480	550	50	35	26	62	244	662	355	154	65	26	505	365	229	345
Cb 3735	420	60	498	518	479	259	259	390	455	65	36	10	55	203	572	315	105	60	26	422	324	177.5	210.7
Cb 3635	419	70	440	449	419	224.5	224.5	355	405	60	25	10	45	200	485	250	105	28	26	354	264	177.5	180.7
Cb 3535	280	90	342	360	326	180	180	280	327.5	28	24	8.5	43	143	434.5	225	81.5	29	22	290	223.5	168.5	103.4
Cb 3435	230	80	288	305	270	152.5	152.5	235	275	25	19	8.5	35	115	360.5	180	81.5	26	18	251	193	176.5	54.8
Cb 3335	170	65	243	257	230	128.5	128.5	240	272.5	19.5	16	-7	27	108.5	292.5	140	70	19.5	18	224.5	171.5	109	34.8
Cb 3235	135	65	208	222	198	115	107	192	216	13	11.5	-7	21	89	232.5	115	70	10	14	182.5	135.5	113	23.3

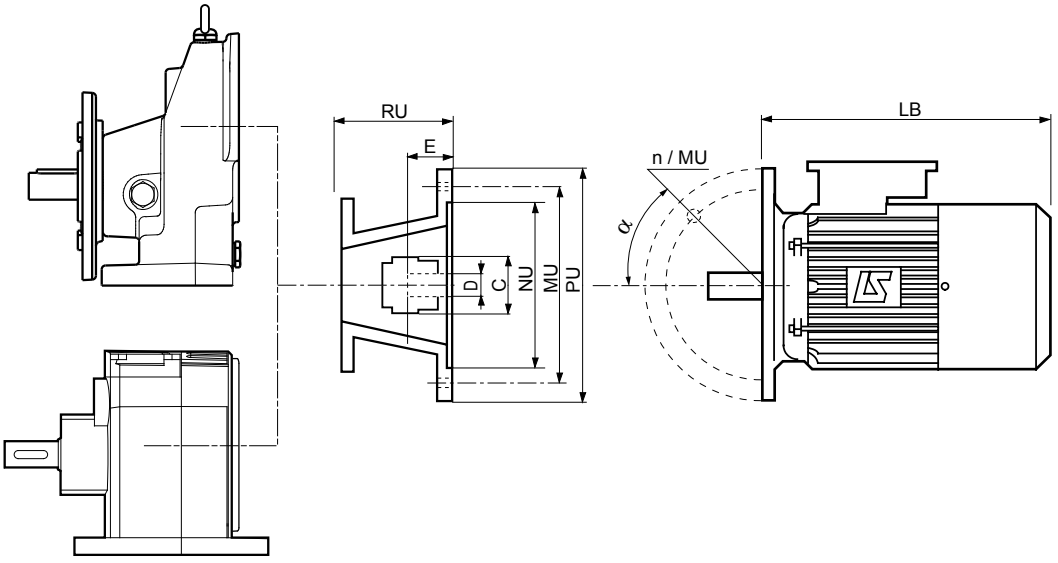
Flange BS



	Compabloc												BS									
Cb	AD	AX1	AX2	CX	HB	HC	HD	HF	HX	R	RC	RR	LA	ØM	ØN	ØP	S	T	a°	a1	n	kg
Cb 3835	608	304	304	26	244	662	355	154	65	585	445	229	24	600	550j6	660	24	6	22.5	45	8	380
Cb 3735	518	259	259	10	203	572	315	105	60	500	402	177.5	20	500	450j6	550	18.5	6	22.5	45	8	213
Cb 3635	449	224.5	224.5	10	200	485	250	105	28	432	342	177.5	20	500	450j6	550	18.5	6	22.5	45	8	165
Cb 3535	360	180	180	8.5	143	434.5	225	81.5	29	315	248.5	168.5	18	350	300	400	18	5	22.5	45	8	110
Cb 3435	305	152.5	152.5	8.5	115	360.5	180	81.5	26	270	212	176.5	15	300	250	350	14	4	45	90	4	60.8
Cb 3335	257	128.5	128.5	-7	108.5	292.5	140	70	19.5	250.5	197.5	109	12	265	230	300	14	4	45	90	4	38.4
Cb 3235	222	115	107	-7	89	232.5	115	70	10	192.5	145.5	113	12	215	180	250	14	4	45	90	4	23.9

Dimensions
Cb - Universal mounting U

Dimensions in millimetres



Type	LS, LSES IM 3001 (IM B5) CEI									U-mount Cb 15--		Cb 30--		Cb 31--		Cb 32--		Cb 33--		Cb 34--		Cb 35--		Cb 36/37--		Cb 38--	
	Ø D	E	LB[1]/ LB[2] Max	LB FMD/FFB/FCPL	Ø MU	Ø NU	Ø PU	n	α°	Ø C	RU	Ø C	RU [3]	Ø C	RU [3]	Ø C	RU [3]	Ø C	RU	Ø C	RU	Ø C	RU	Ø C	RU	Ø C	RU
LS 56 M	9j6	20	156/134	206	FF100	80	120	4	45	-	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LS 63 M	11j6	23	172/165	222	FF115	95	140	4	45	-	50	-	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LS 71 L	14j6	30	183	233/296	FF130	110	160	4	45	-	50	-	60	65	122	65	122	65	122	65	122	-	-	-	-	-	-	-
LS, LSES 80	19j6	40	267	409	FF165	130	200	4	45	-	-	-	90	65	130	65	130	65	130	65	130	65	121	-	-	-	-	-
LS, LSES 90	24j6	50	285	409	FF165	130	200	4	45	-	-	-	-	65	130	65	130	65	130	65	130	65	121	-	-	-	-	-
LS, LSES 100	28j6	60	315	437	FF215	180	250	4	45	-	-	-	-	65	144	65	144	65	144	65	144	65	135	65	148	65	136	-
LS, LSES 112	28j6	60	332	448	FF215	180	250	4	45	-	-	-	-	65	144	65	144	65	144	65	144	65	135	65	148	65	136	-
LS, LSES 132	38k6	80	412	621	FF265	230	300	4	45	-	-	-	-	-	-	-	-	65	162	65	169	65	157.5	65	167	65	156	-
LS, LSES 160	42k6	110	510	682	FF300	250	350	4	45	-	-	-	-	-	-	-	-	-	-	95	194	95	183	95	199	95	187	-
LS, LSES 180	48k6	110	552	683	FF300	250	350	4	45	-	-	-	-	-	-	-	-	-	-	95	194	95	183	95	199	95	187	-
LS, LSES 200	55m6	110	669	785	FF350	300	400	4	45	-	-	-	-	-	-	-	-	-	-	95	194	95	183	95	199	95	187	-
LS, LSES 225[1]	60m6	140	810	880	FF400	350	450	8	22.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	311	120	233	-
LS, LSES 250[1]	65m6	140	810	1116	FF500	450	550	8	22.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	328	160	316	-
LS, LSES 280[1]	75m6	140	870	1116	FF500	450	550	8	22.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	328	160	316	-
LS, LSES 315[1]	80m6	170	947	1116	FF600	550	660	8	22.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200	366	-

LB[1]: ventilated motor - LB[2]: not ventilated motor

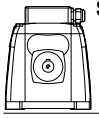
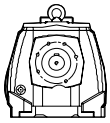
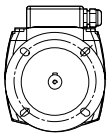
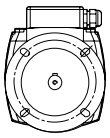
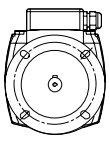
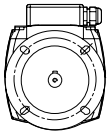
[1] feet and flange motors (B35) in horizontal mounting. A motor support is recommended.

	Cb 15--	30--	31--	32--	33--	34--	35--	36--	37--	38--
MU max (kg)	0.6	3	4	8	14	20	35	75	75	117
LS max (kg)[1]	10	30	65	70	120	150	205	350	350	350

[1] maximum motor weight permissible in B5

Dimensions
Synthesis

Dimensions in millimetres

Mountings			COMPABLOC									
			Cb 15xx	Cb 30xx	Cb 31xx	Cb 32xx	Cb 33xx	Cb 34xx	Cb 35xx	Cb 3633	Cb 3733	Cb 3833
 **S**	Shaft	1	-	16j6 x 40	20j6 x 40	25j6 x 50	35k6 x 70	40k6 x 80	45k6 x 90	-	-	-
		2-3	16j6 x 40	20j6 x 40	25j6 x 50	30j6 x 60	40k6 x 80	50k6 x 100	60m6 x 120	70m6 x 140	90m6 x 170	110m6 x 210
BT 	Shaft Ø	1	- - -	16j6 x 40 + 12 M = 100 N = 60	20j6 x 40 + 15 M = 83 N = 70	25j6 x 50 + 15 M = 83 N = 70	35k6 x 70 + 15 M = 120 N = 100	40k6 x 80 + 28 M = 152 N = 130	45k6 x 90 + 34 M = 190 N = 140			
		2-3	- - -	20j6 x 40 +12 op. 25j6 x 50 M = 100 N = 60	25j6 x 50 + 15 M = 83 N = 70	30j6 x 60 + 15 M = 100 N = 82	40k6 x 80 + 23 M = 123 N = 100	50k6 x 100 + 28 M = 152 N = 130	60m6 x 120 + 34 M = 190 N = 155	70m6 x 140 + 80 M = 230 N = 150	90m6 x 170 + 80 M = 230 N = 180	110m6 x 210 + 80 M = 300 N = 250
BS 	Shaft Flange Ø	1	- - - -	16j6 x 40 M = 115 N = 95 P = 140	20j6 x 40 M = 130 N = 110 P = 160	25j6 x 50 M = 165 N = 130 P = 200	35k6 x 70 M = 215 N = 180 P = 250	40k6 x 80 M = 265 N = 230 P = 300	45k6 x 90 M = 300 N = 250 P = 350	- - - -	- - - -	- - - -
		2-3	16j6 x 40 M = 100 N = 80 P = 120	20j6 x 40 op. 25j6 x 50 M = 115 N = 95 P = 140	25j6 x 50 M = 165 N = 130 P = 200	30j6 x 60 M = 215 N = 180 P = 250	40k6 x 80 M = 265 N = 230 P = 300	50k6 x 100 M = 300 N = 250 P = 350	60m6 x 120 M = 350 N = 300 P = 400	70m6 x 140 M = 500 N = 450 P = 550	90m6 x 170 M = 500 N = 450 P = 550	110m6 x 210 M = 600 N = 550 P = 660
BD1 	Shaft Flange Ø	1	- - - -	16j6 x 40 M = 100 N = 80 P = 120	20j6 x 40 M = 115 N = 95 P = 140	25j6 x 50 M = 130 N = 110 P = 160	35k6 x 70 M = 165 N = 130 P = 200	40k6 x 80 M = 215 N = 180 P = 250	45k6 x 90 M = 265 N = 230 P = 300	- - - -	- - - -	- - - -
		2-3	16j6 x 40 M = 85 N = 70 P = 105	20j6 x 40 op. 25j6 x 50 M = 100 N = 80 P = 120	25j6 x 50 M = 130 N = 110 P = 160	30j6 x 60 M = 165 N = 130 P = 200	40k6 x 80 M = 215 N = 180 P = 250	50k6 x 100 M = 265 N = 230 P = 300	60m6 x 120 M = 300 N = 250 P = 350	70m6 x 140 M = 400 N = 350 P = 450	90m6 x 170 M = 400 N = 350 P = 450	100m6 x 210 M = 500 N = 450 P = 550
BD2 	Shaft Flange Ø	1	- - - -	16j6 x 40 M = 130 N = 110 P = 160	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
		2-3	16j6 x 40 M = 115 N = 95 P = 140	20j6 x 40 op. 25j6 x 50 M = 130 N = 110 P = 160	25j6 x 50 M = 115 N = 95 P = 140	30j6 x 60 M = 130 N = 110 P = 160	40k6 x 80 M = 165 N = 130 P = 200	50k6 x 100 M = 215 N = 180 P = 250	60m6 x 120 M = 265 N = 230 P = 300	- - - -	- - - -	- - - -
BD3 	Shaft Flange Ø	1	- - - -	16j6 x 40 M = 165 N = 130 P = 200	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
		2-3	- - - -	20j6 x 40 op. 25j6 x 50 M = 165 N = 130 P = 200	25j6 x 50 M = 100 N = 80 P = 120	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
BR	Shaft Flange Ø	2-3	- - - -	- - - -	- - - -	- - - -	45k6 x 90 M = 215 N = 180 P = 250	55k6 x 110 M = 265 N = 230 P = 300	65m6 x 130 M = 300 N = 250 P = 350	- - - -	- - - -	- - - -
MU / LS		**56**	FF100-9X20	FF100-9X20	-	-	-	-	-	-	-	-
		63	FF115-11X23	FF115-11X23	-	-	-	-	-	-	-	-
		71	FF130-14X30	FF130-14X30	FF130-14X30	FF130-14X30	FF130-14X30	-	-	-	-	-
		80	-	FF165-19X40	FF165-19X40	FF165-19X40	FF165-19X40	FF165-19X40	FF165-19X40	-	-	-
		90	-	-	FF165-24X50	FF165-24X50	FF165-24X50	FF165-24X50	FF165-24X50	-	-	-
		100	-	-	FF215-28X60	FF215-28X60	FF215-28X60	FF215-28X60	FF215-28X60	FF215-28X60	FF215-28X60	-
		112	-	-	FF215-28X60	FF215-28X60	FF215-28X60	FF215-28X60	FF215-28X60	FF215-28X60	FF215-28X60	FF215-28X60
		132	-	-	-	-	FF265-38X80	FF265-38X80	FF265-38X80	FF265-38X80	FF265-38X80	FF265-38X80
		160	-	-	-	-	-	FF300-42X110	FF300-42X110	FF300-42X110	FF300-42X110	FF300-42X110
		180	-	-	-	-	-	FF300-48X110	FF300-48X110	FF300-48X110	FF300-48X110	FF300-48X110
		200	-	-	-	-	-	FF350-55x110	FF350-55X110	FF350-55X110	FF350-55X110	FF350-55X110
		225	-	-	-	-	-	-	-	FF400-60X140	FF400-60X140	FF400-60X140
		250	-	-	-	-	-	-	-	FF500-65X140	FF500-65X140	FF500-65X140
		280	-	-	-	-	-	-	-	-	FF500-75X140	FF500-75X140
		315	-	-	-	-	-	-	-	-	-	FF600-80X170

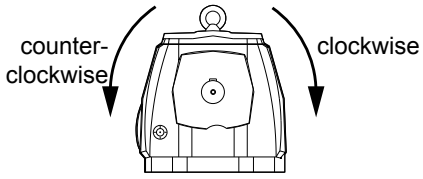
Equipment and options

BACKSTOP

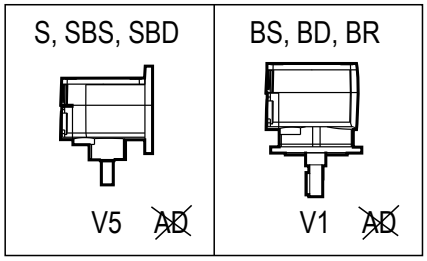
The gearboxes Cb 36 up to 38 are feasible in version **input shaft with backstop as an option**: a device that allows only one direction of rotation.

The gearboxes 36 up to 38 are also available as **universal mounting with the backstop option. When ordering, please indicate the direction of rotation of output shaft: clockwise or counterclockwise.**

(as seen from output shaft, side F, motor behind).



Operating positions



AD forbidden

Designation:

Cb 3633 i 50,4 S

S clockwise direction B3/MiAD

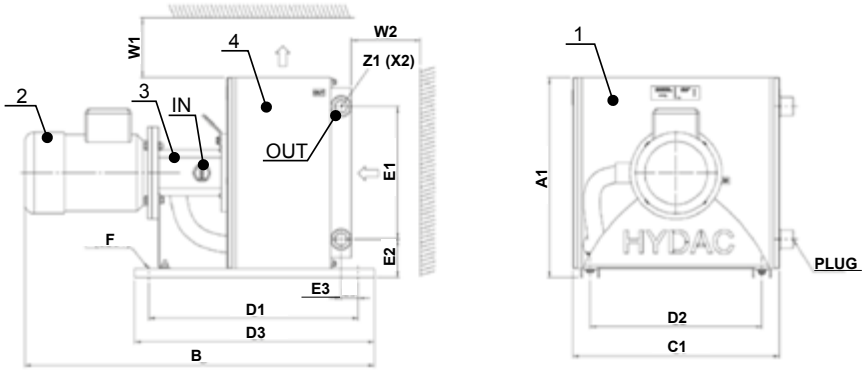
LSES 160 L - 11 kW - 4 poles

HEAT EXCHANGER

An external cooling system is required to maintain the performance of the geared motor. We recommend the heat exchanger appended, approved by our technical services. It comprises: a metallic housing (1), a motor (2), a pump (3), a fan (4) with the following characteristics:

- Motor: 1.1 kW, 4p, IP 55
- Maximum dissipation: 10 kW
- Flow rate: 40l/min for 40 cSt - 4 bar
- Max oil temperature: 90°C

The cooling air flow must be free of obstacles. For the ideal air intake and discharge distance, refer to dimensions W1 and W2 (mm) in the following table.



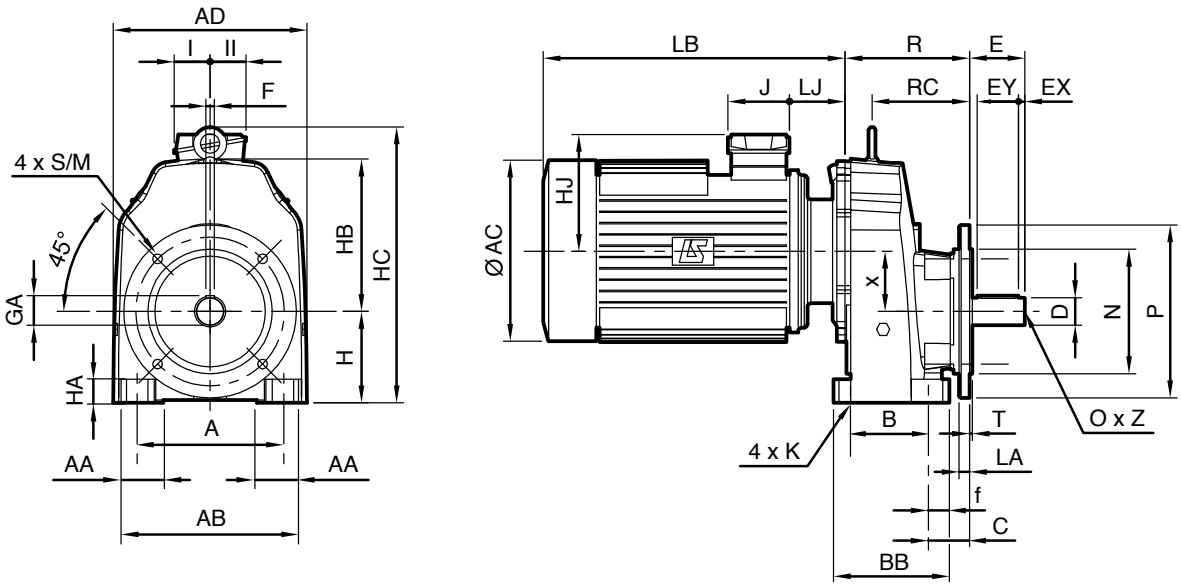
Dimensions (mm)														
A1	B	C1	D1	D2	D3	E1	E2	E3	F	W1 min	W2 min	Z1 IN	Z2 OUT	kg
433	766	449	455	373	521	288	83	37.5	9	1.000	300	G1”	G3/4”	40

Equipment and options

FEET AND FLANGE FORM

Dimensions in millimetres

1 stage Compabloc



	Compabloc																
Cb	A	AA	AB	AD	B	BB	C	f	H	HA	HB	HC	ø K	R	RC	x	kg
Cb 3531	260	85	344	344	160	197	55.5	18	160	42	280	484	18	200.5	152.5	110	48
Cb 3431	216	67	257	280	125	168	47.5	18	132	34	221	399	18	180	141	87	31
Cb 3331	190	59	240	240	100	135	37.5	18.5	112	26	185	343	16	146	116	70	19.4
Cb 3231	140	52.5	180	185	80	110	27	14	90	21	155.5	292	14	124	102	63	10.3
Cb 3131	120	38	156	152	75	105	26	18	80	17	123	248	11	121	94	46.5	8.1

	SBS					
Cb	LA	ø M	ø N	ø P	ø S	T
Cb 3531	18	300	250	350	18	5
Cb 3431	15	265	230	300	14	4
Cb 3331	12	215	180	250	14	4
Cb 3231	10	165	130	200	12	3.5
Cb 3131	10	130	110	160	9	3.5

	SBD1					
Cb	LA	ø M	ø N	ø P	ø S	T
Cb 3531	18	265	230	300	14	5
Cb 3431	13	215	180	250	14	4
Cb 3331	12	165	130	200	11	4
Cb 3231	10	130	110	160	9	3.5
Cb 3131	10	115	95	140	9	3.5

	BA							
Cb	ø D	E	EX	EY	F	GA	O	Z
Cb 3531	45k6	90	12	66	14	48.5	M16	36
Cb 3431	40k6	80	9	60	12	43	M16	36
Cb 3331	35k6	70	2	63	10	38	M12	38
Cb 3231	25j6	50	5	40	8	28	M10	22
Cb 3131	20j6	40	6.5	30	6	22.5	M6	16

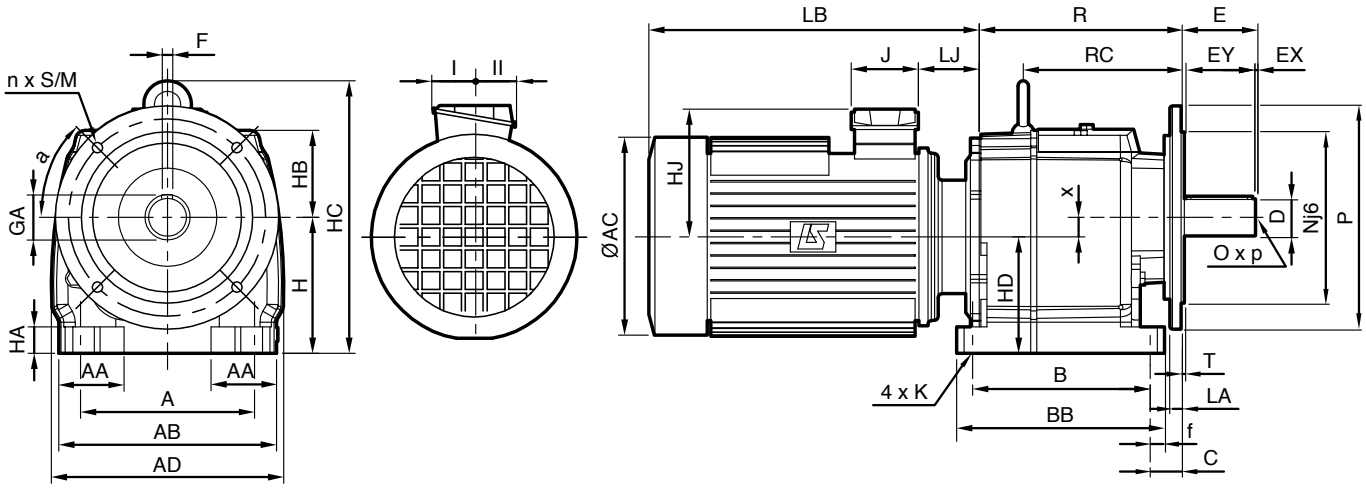
	LS							
Cb	AC	HJ	J	LB	LJ	I	II	kg
Cb 3531	on page 123							
Cb 3431	on page 121							
Cb 3331	on page 119							
Cb 3231	on page 117							
Cb 3131	on page 115							

Equipment and options

FEET AND FLANGE FORM

Dimensions in millimetres

Compabloc 2, 3 stages



	Compabloc															Compabloc SBS									
Cb	A	AA	AB	AD	B	BB	C	f	H	HA	HB	HC	ø K	R	x	LA	ØM	ØN	ØP	R	RC	nxØS	T	a°	kg
Cb 3533	280	90	342	360	280	327.5	49	25	225	43	143	434.5	196	22	29	18	350	300	400	315	248.5	4x18	5	45	103
Cb 3433	230	80	288	305	235	375	44	19	180	35	115	360.5	154	18	26	15	300	250	350	270	212	4x14	4	45	58
Cb 3333	170	65	243	257	240	272.5	45.5	16	140	27	108.5	292.5	120.5	18	19.5	12	265	230	300	250.5	197.5	4x14	4	45	35
Cb 3233	135	65	208	222	192	216	23	11.5	115	21	89	232.5	105	14	10	12	215	180	250	192.5	145.5	4x12	4	45	20
Cb 3133	110	35	160	172	165	195	24	15	90	20	73.5	203	81.5	9	8.5	-	-	-	-	-	-	-	-	-	-

	Compabloc SBD1									
Cb	LA	ØM	ØN	ØP	R	RC	nxØS	T	a°	kg
Cb 3533	18	300	250	350	315	248.5	4x18	5	45	103
Cb 3433	15	265	230	300	270	212	4x14	4	45	59
Cb 3333	12	215	180	250	250.5	197.5	4x14	4	45	36
Cb 3233	10	165	130	200	192.5	145.5	4x12	3.5	45	19
Cb 3133	10	130	110	160	173.5	175.5	4x9	3,5	45	14
Cb 30xx	-	-	-	-	-	-	-	-	-	-

	Compabloc SBD2									
Cb	LA	ØM	ØN	ØP	R	RC	nxØS	T	a°	kg
Cb 3533	18	265	230	300	315	248.5	4x14	5	45	100
Cb 3433	15	215	180	250	270	212	4x14	4	45	58
Cb 3333	12	165	130	200	250.5	197.5	4x11	3.5	45	34.5
Cb 3233	10	130	110	160	192.5	145.5	4x12	3.5	45	18.8
Cb 3133	10	115	95	140	173.5	180.5	4x9	3.5	45	13.5
Cb 30xx	-	-	-	-	-	-	-	-	-	-

	Compabloc SBD3									
Cb	LA	ØM	ØN	ØP	R	RC	nxØS	T	a°	kg
Cb 3133	10	100	80	120	173.5	180.5	4x12	3.5	45	13.3

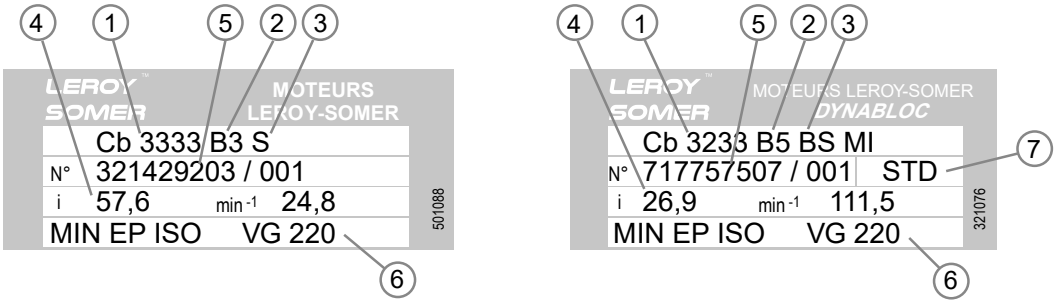
	IMfinity® three-phase 4-pole							
Cb	AC	HJ	J	LB	LJ	I	II	kg
Cb 3533	on page 139							
Cb 3433	on page 137							
Cb 3333	on page 135							
Cb 3233	on page 133							
Cb 3133	on page 131							

	IMfinity® three-phase 4-pole and brake							
AC	HJ	J	LB	LJ	I	II	kg	
on page 139								
on page 137								
on page 135								
on page 133								
on page 131								

Identification

GEARBOX NAMEPLATES

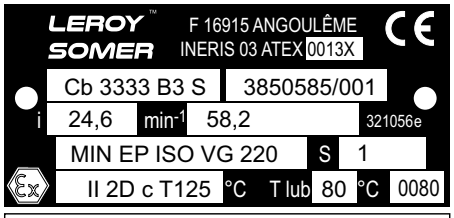
Nameplates identify the equipment, indicate the main performance and show its compatibility with the main standards and regulations related to them.



Information to be reminded whenever ordering spare parts:

①	②	③	④	⑤	⑥		⑦
Cb: Compabloc gearbox **3333**: gearbox type	**B3**: operating position	**S**: fixing form	**i**: exact reduction	**No.**: batch no; **N/ 001**: serial number	**MIN EP ISO VG**: lubrication according to ISO **220**: viscosity grade at 40°C in cSt Option: lubrication with synthetic oil PAO ISO VG 150	**min^{-1}**: Number of revolutions per minute	Dynabloc option **STD**: standard backlash

ATEX specific marking



INERIS no. 03 ATEX 0013X: Geared motor

Legal marking indicating that the equipment conforms to the requirements of the European Directives.

ATEX specific marking

0080	**:** INERIS identification number (Notified Body)
Ex	**:** Specific marking
II 2D	**:** Group II, category 2, Conductive dust or:
II 3D	**:** Group II, category 3, Non-conductive dust
c	**:** Meshing point protection by design
T m(ax)	**:** Maximum surface temperature: e.g. 125°C
T lub: lubricant	**:** Temperature recorded during factory tests (ambient temperature 20 °C)
Certificate No.	**:** No. of the CE type certificate issued by INERIS (II 2D group)
If relevant	**: additional marking planned in the CE test**

Identification

LSES ALUMINIUM MOTORS NAMEPLATES

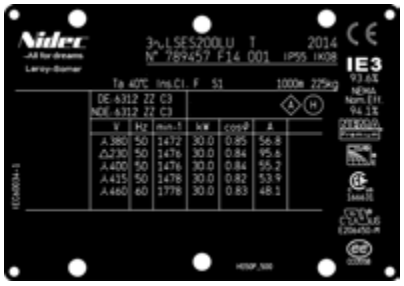
IE2 power < 7.5 kW

Mains supply plate

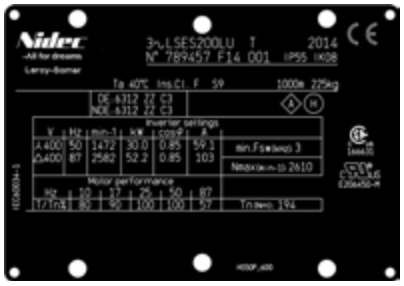
Drive supply plate

IE3 power ≥ 7.5 kW*

Mains supply plate



Drive supply plate



IE3 power < 7.5 kW*

Mains supply plate

Drive supply plate

* Valid only for 2 & 4 pole motors, except for 2P 3 kW and 4P 2.2 kW.
6P aluminium motors of all power levels and 2P 3 kW and 4P 2.2 kW can be offered in CSAe, ee, cCSAus, NEMA Premium versions optionally upon specific request.

Plate values provided for information only.

Identification

NAMEPLATES

Nameplates identify the equipment, indicate the main performance and show its compatibility with the main standards and regulations related to them.

DEFINITION OF NAMEPLATE SYMBOLS

CE **Legal sign that the equipment conforms to the requirements of European Directives.**

Mains supply plate:

MOT 3 ~ : Three-phase A.C. motor
LSES : Series
200 : Frame size
LU : Housing symbol
T : Impregnation index

Motor no.

789456 : Motor batch number
F : Month of production
14 : Year of production
001 : Serial number
IE3 : Efficiency class
93.6% : Efficiency at 4/4 load

IP55 IK08: Protection index
I cl. F : Insulation class F
40°C : Contractual ambient temperature for operation
S1 : Duty - Operating factor
kg : Weight
V : Supply voltage
Hz : Supply frequency
min^{-1} : Number of revolutions per minute
kW : Rated power
cos φ : Power factor
A : Rated current
Δ : Delta connection
Y : Star connection

Bearings

DE : Drive end bearing
NDE : Non-drive end bearing
g : Amount of grease at each regreasing (g)
h : Greasing interval (hours)

POLYREX EM103: Type of grease
A : Vibration level
H : Balancing mode

Information to be reminded whenever ordering spare parts

Drive supply plate:

Inverter settings: Values necessary to set the frequency inverter
Motor performance: Torque available on the motor shaft in % rated torque at the plate frequencies
Min. Fsw (kHz): Minimum cut-off frequency acceptable for the motor
Nmax (min^{-1}): Maximum mechanical speed acceptable for the motor

Identification

FFB BRAKE MOTORS NAMEPLATES

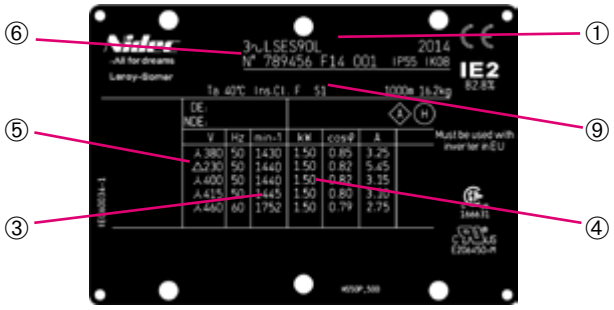
Check equipment conformity: construction shape, indications on nameplates.

Information ① to ⑪ to be reminded whenever ordering spare parts.

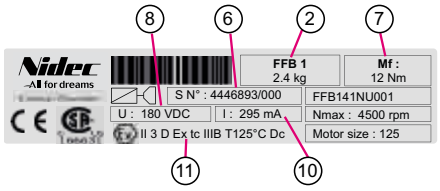
Other logos may be included optionally: approval is required prior to ordering.

Example: **LS 80 L IFT/NIE**

MOTOR NAMEPLATE



BRAKE NAMEPLATE



Information required on nameplates:

①	Serial motor, frame size
②	Brake type FFB
③	Speed of rotation (min^{-1})
④	Rated output power (kW)
⑤	Motor voltage (V)
⑥	Motor and brake manufacturing No.
⑦	Mf: Braking torque (N.m)
⑧	U: Brake coil voltage (VDC)
⑨	Duty - Operating factor
⑩	I: Coil current (mA)
⑪	Specific marking (ATEX)

Information to be reminded whenever ordering spare parts

Definition of the symbols

T : Impregnation class
IE2: Efficiency class
IP-- IK--: protection ratings*
Cl.F : Insulation class
(Ta) 40°C: contractual ambient temperature for operation
cos P or φ: power factor
A : Rated current
Δ : delta connection
人: star connection
A : vibration level
H : balancing mode

Bearings

DE: Drive end bearing
NDE: Non drive end bearing

Marking

Definition of nameplates symbols
CE: Legal sign that the equipment conforms to the requirements of European Directives.
: CSA certified product, compliant with UL

***IK: Resistance to impacts**

The motor withstands low mechanical impacts (IK 08 as per EN 50102). **The user shall provide additional protection in case of risk of high mechanical impact.**

Identification

FCPL BRAKE MOTORS NAMEPLATES

Nameplates identify the equipment, indicate the main performance and show its compatibility with the main standards and regulations related to them.

DEFINITION OF NAMEPLATES SYMBOLS

CE Legal sign that the equipment conforms to the requirements of European Directives.

EAC Eurasian conformity

Mains supply plate:
induction motor, short-circuit rotor

LS ..... : series
180 ..... : frame size
LR ..... : housing description

Motor no.

2016 ..... : year of production
M3722D16 : motor batch number
001 ..... : Serial number
IP55 ..... : motor protection indices
22 kW ..... : rated output power
3~ 4P ..... : three-phase A.C. motor
Hz ..... : supply frequency
cos φ ..... : power factor
cl.F ..... : insulation class F
Ta ..... : 40°, contractual ambient temperature
min^{-1} ..... : number of revolutions per minute
S1 ..... : duty
V ..... : supply voltage
A ..... : rated current

Brake

FCPL 54H . : type of brake
IP55 ..... : brake protection index
180 Nm ..... : braking torque
180 V ..... : brake supply voltage
0,5 A ..... : brake coil current

Information to be reminded whenever ordering spare parts

Installation

ACCEPTANCE TESTING

Check the condition of the equipment. In case of damage, either to the equipment or its packaging, record reservations with the carrier (if applicable, repairing may be excluded from the warranty).

Check that the equipment conforms to the order (construction shape, indications on nameplates)

See the leaflet reference 2557.

HANDLING

- It is mandatory to use lifting devices, fitted on equipment.

STORAGE

Store the equipment in a clean and dry location, protected from shocks, vibrations, temperature differences (between -30°C and +50°C) and in an atmosphere with a hygrometry below 80%.

Long-term storage (>1 year)

- Unless the equipment is lubricated for life, fill the gearbox completely with oil (upon commissioning, drain and top up as described in the manual of the gearbox concerned). Coat the external gasket(s) with grease.
- Enclose the unit in a sealed plastic bag (e.g. thermal glue) with a desiccant product inside.
- For manual release brake geared motors, release the brake to prevent sticking.

COMMISSIONING

The installation must be performed by skilled personnel.

- Mount the gearboxes onto rigid and flat supports free of vibration. Use screws of appropriate length and class (class 8.8 min) and tighten them at 70 % their elastic limit.
- Remove the protections from the shaft(s) and flange(s): plastic end pieces, oil or varnish (use a solvent if required, while avoiding contact with the gaskets).
- For gearboxes lubricated with oil, check the oil level or top up.
- Fit the breather plug at the upper point of the gearbox when the equipment has one.
- Lubrication: see appropriate manuals. (p2)

Plan a sufficient distance around the geared motor for accessibility to the plugs (or vase):

200 mm: G1/4'' plug std Cb 30 to 35

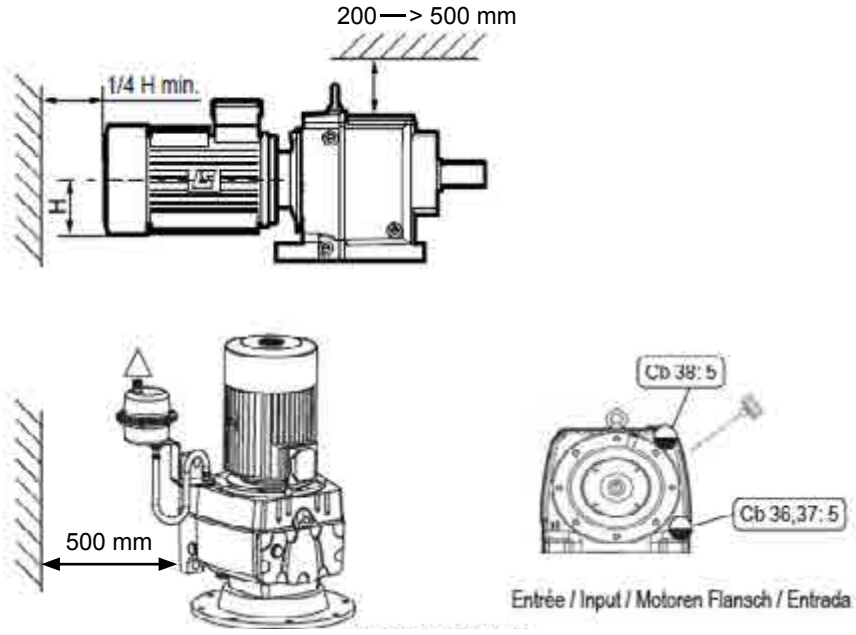
500 mm: G3/4'' plug with gauge Cb 36 to 38

LUBRICATION

For operation at an ambient temperature between -10°C and +40°C, the Compabloc series 3000 is supplied, as standard, lubricated with Extreme-Pressure mineral oil type EP ISO VG 220. Each gearbox is filled according to the operating position indicated in the order. Refer to the gearbox nameplate (p153) and installation manual reference 3520 for the quantity necessary to the operating position of your unit.

Lubrication kit

Certain operating positions or a high input speed require a lubrication kit to preserve the initial performance of gearboxes Cb 36 to 38 (manual reference 5088). In this case, implement a sufficient distance around the geared motor to ensure accessibility to the plugs (or expansion tank), with the machine stopped. (Installation manual reference 5088)



Example: Cb 36, 37, 38 in operating position V5 (foot mounted gearbox) or V1 (flange mounted gearbox).

In the case of a selection where the output shaft does not make a complete revolution, please consult to define the most appropriate quantity of oil and/or operating position.

Faulty maintenance may cause material or bodily damage. Check the mechanical and electrical installation instructions are applied over time.

Installation

TRANSPORT BY ROAD (CODE 30) OR AIR (CODE 40)

Cardboard box[1]		
Ref.	Tare	Dimensions (L x W x H)[2]
	kg	mm
P0 000	0.25	245 x 190 x 150
P0 100	0.35	256 x 222 x 165
P0 200	0.40	330 x 288 x 172
R1	0.25	330 x 145 x 200
R2	0.50	420 x 200 x 240
R3	0.65	520 x 220 x 280
R4	1.05	550 x 320 x 360
R5	0.85	580 x 260 x 280
R6	1.30	780 x 300 x 430
R7	0.75	420 x 300 x 260
R8	0.90	500 x 330 x 290
R5 Marine	0.85	580 x 260 x 280

Open-work pallet case or skylight case		
Tare	External dimensions (L x W x H)[2]	Internal dimensions (L x W x H)[2]
kg	mm	mm
10	720 x 420 x 550	650 x 350 x 400
26	830 x 520 x 660	760 x 450 x 500
30	990 x 570 x 620	920 x 500 x 550
47	920 x 870 x 700	850 x 800 x 550
48	990 x 870 x 880	920 x 800 x 720
45	1,270 x 870 x 700	1,200 x 800 x 550
47	1,270 x 870 x 880	1,200 x 800 x 720
61	1,270 x 1,070 x 730	1,200 x 1,000 x 550
62	1,270 x 1,070 x 900	1,200 x 1,000 x 720
64	1,270 x 1,070 x 1,050	1,200 x 1,000 x 870

CASES FOR MARITIME PACKAGING (CODE 10)

Reinforced cases with plywood panels		
Tare	External dimensions (L x W x H)[2]	Internal dimensions (L x W x H)[2]
kg	mm	mm
20	740 x 480 x 730	680 x 420 x 600
26	840 x 520 x 710	760 x 440 x 530
30	980 x 560 x 720	920 x 500 x 550
58	1,120 x 750 x 850	1,040 x 680 x 670
60	1,100 x 950 x 680	1,020 x 870 x 500
80	1,100 x 950 x 1,180	1,020 x 870 x 1,000

[1] maximum permissible weight: 50 kg

[2] these approximate values are indicated for unit packaging. Grouped crate packaging is generally used when the number of machines delivered > 5.

Configurator

The Leroy-Somer configurator allows selecting the most appropriate motors and provides the corresponding technical specifications and plans.

Online registration:

http://www.nidecautomation.com/fr-FR/leroy-somer-motors-drives/Products/Configurator/

- Product selection help
- Printing technical specifications
- Printing 2D and 3D CAM files
- Equivalent to 300 catalogues in 11 languages.

Service for drive systems

Audit & Advice

- **Facility audit**
- **Energy optimisation**
- **Modernisation**
- **Facility management**

Installation & commissioning

- **Installation**
- **Commissioning**
- **Extended warranty**
- **Training**

Maintenance

- **Emergency services**
- **Services upon request**
- **Contracts**

MAINTENANCE

The service life of your facilities ensures continuity of your production flow and extends the lifetime of the equipment, ensuring a good return on investment.

For emergency situations, we have defined the appropriate services to offer you the solution ensuring your installations will restart promptly.

Experts close to your facilities available 24/7 monitoring proper operation of your equipment, able to define the level of intervention required according to the context, and able to intervene urgently: that is our vision of maintenance.

MONITORING CONTRACTS

Maintaining drive systems in operational condition at all times is vital for proper operation of your equipment, whether these are line production units or utilities.

Parameter monitoring programmes ensure drifts and anomalies likely to cause malfunctions are detected early.

MAINTENANCE CONTRACTS

Observing inspection intervals and changing first wear devices and parts are often complex and tedious operations because of the multiplicity of equipment present in an industrial site.

To facilitate these operations, our solutions allow managing the maintenance of drives.

Express Availability

Meeting urgent needs while meeting the lead times proposed to the clients requires effective logistics.

Availability of geared motors is ensured by complementarity between the network of approved partners and Leroy-Somer central service.

The colour code in the « *Express* Availability » selection grids ensures product lead times are indicated per family and quantities ordered.

Call Leroy-Somer.

The illustration below indicates the lead time for equipment selected in page 19, i.e. D+5; D being the day of reception of the order in the factory before 12:00 am.

Geared motors IMfinity® IE2 class
Helical gears COMPABLOC, MANUBLOC, ORTHOBLOC
Standard environment - Fixed speed

Integral mounting	MI
Universal mounting	MU
Input shaft mounting	AP

AVAILABILITY TIMES EX WORKS (FRANCE), IN WORKING DAYS

Orders received, within the maximum quantity limit, by the factory on day D before 12:00pm Central European Time, will have the following Availability.
For products with options, availability will be that of the longest lead-time item i.e; the product or its options.
If the order is received after 12:00pm 1 working day on the mentionned availability will be added.
The maximum quantity is per line of order. Above this maximum quantity, please consult your Sales Office.

D	D + 1	D + 2	D + 5	D + 10	Please consult

IMfinity® IE2 class associated motors 4p
(except motors in italics, not concerned by the IE)

IE2 class — 230 V Δ / 380 V Y / 400 V Y / 415 V Y 50 Hz - 460 V Y 60 Hz
380 V Δ / 400 V Δ / 415 V Δ / 690 V Y 50 Hz - 460 V Δ 60 Hz

4 poles 1500 min⁻¹

Type	IE	Mounting	Rated power P_n kW	400 V	Cb 30-	Cb 31- Ot 31- Mub 31-	Cb 32- Ot 32-, 33- Mub 32-	Cb 33- Ot 34- Mub 33-	Cb 34- Ot 35- Mub 34-	Cb 35 - Mub 35-	Cb 36-* Ot 36-* Mub 36-*	Cb 37-* Ot 37-, 38-* Mub 37-*	Cb 38-* - Mub 38-*	Ot 39-
LS 71 L	*NC*	*MI or MU*	*0.25*	Y	*5*	*5*	*5*	*5*						
LS 71 L	*NC*	*MI or MU*	*0.37*	Y	*5*	*5*	*5*	*5*						
LS 71 L	*NC*	*MI or MU*	*0.55*	Y	*5*	*5*	*5*	*5*						
LSES 80 LG	IE2	MI or MU	0.75	Y	5	5	5	5	5	5				
LSES 80 LG	IE2	MI or MU	0.9	Y	5	5	5	5	5	5				
LSES 90 SL	IE2	MI or MU	1.1	Y		5	5	5	5	5	2	2		
LSES 90 L	IE2	MI or MU	1.5	Y		5	5	5	5	5	2	2		
LSES 90 LU	IE2	MI or MU	1.8	Y		5	5	5	5	5	2	2		
LSES 100 L	IE2	MI or MU	2.2	Y		5	5	5	5	5	2	2		
LSES 100 LR	IE2	MI or MU	3	Y		5	5	5	5	5	2	2		
LSES 112 MG	IE2	MI or MU	4	Y			5	5	5	5	2	2		
LSES 132 SU	IE2	MI or MU	5.5	Y			5	5	5	5	2	2		
LSES 132 M	IE2	MI or MU	7.5	Δ				5	5	5	2	2	2	
LSES 132 M	IE2	MI or MU	9	Δ					5	5	2	2	2	
LSES 160 MR	IE2	MI or MU	11	Δ					2	2	2	2	2	
LSES 160 L	IE2	MI or MU	15	Δ					2	2	2	2	2	
LSES 180 MT	IE2	MI or MU	18.5	Δ					1	1	1	1	1	
LSES 180 LR	IE2	MI or MU	22	Δ					1	1	1	1	1	
LSES 200 LR	IE2	MI or MU	30	Δ					1	1	1	1	1	
LSES 225 ST	IE2	MU	37	Δ							1	1	1	
LSES 225 MR[1]	IE2	MU	45	Δ							1	1	1	
LSES 250 ME[1]	IE2	MU	55	Δ							1	1	1	
LSES 280 SD[1]	IE2	MU	75	Δ								1	1	
LSES 280 MD[1]	IE2	MU	90	Δ									1	
LSES 315 SP[1]	IE2	MU	110	Δ									1	

1. motor B35 obligatory NC: not concerned by IE Standards

COMPABLOC - MECHANICAL OPTIONS CORRESPONDING TO THE FIXING FORM

	Cb multistage MI shapes							Multistage Cb mounting	
	Feet	Smooth hole flanges					Tapped holes	Backstop [1]	Universal	Input shaft
Type	S	BS	BD1	BD2	BD3	BR	BT	AD/AP-MI-MU	MU	AP
Cb 3032-3033										
Cb 3133										
Cb 3233										
Cb 3333										
Cb 3433										
Cb 3533										
Cb 3633										
Cb 3733										
Cb 3833										

1. Cb 36 to 38: AD (backstop) forbidden in operating positions V5, V1.

HELP YOU SAVE TIME

The lead time charters for products in *Express* Availability are accessible directly in our web pages:
http://lrsm.co/dispofr (chapter 6: Gearboxes - Geared motors)

You can also scan the QR code below for direct access:

24 h Express transport option

Express Availability commitment

**Drives, motors, geared motors
and servomotors you need,
when you need them**

LEROY-SOMER™

LEROY-SOMER™

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youtube.com/user/LeroySomerOfficiel

linkedin.com/company/44575

Nidec

All for dreams

Moteurs Leroy-Somer SAS. Headquarters: Bd Marcellin Leroy, CS 10015, 16915 Angoulême Cedex 9, France. Share Capital: 65 800 512 €, RCS Angoulême 338 567 258.

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