



SIMOTICS FL motors – products available from EU warehouse

The availability depends on the current stock quantities.

Technical data

Housing material	Aluminum	Cast iron
Frame size	80 – 160	180 – 225
Rated capacity	0.55 – 18.5 kW	15 – 45 kW
Poles	2.4	
Rated voltage / frequency	230 VΔ / 400 VY, 400 VΔ / 690 VY, 50 Hz	
Efficiency	IE3	
Isolation	155(F) / 130(B)	
Type of construction	B3, B5, V1, B35, B14, B34	
Protection class	IP55	
Cooling	IC411	
Motor protection	3 PTC thermistors for tripping	
Painting	C2, color RAL 7030	
Article No.	1LE0 323 ...	1LE0 023 ...

Options

B02	Acceptance test certificate (routine test)
B07	Extra rating plate for voltage tolerance
B13	Without "Made in" on the rating plate
D34	China Energy Efficiency Label
D47	TR-CU product safety certificate EAC
G46	Threaded hole, prepared for mounting
L20¹⁾	Located bearing DE (FS80-160)
L22¹⁾	Bearing design for increased cantilever forces (FS100-225)

¹⁾ Combination of L20 and L22 currently not available from the warehouse

Find more information at [siemens.com/simotics-fl](https://www.siemens.com/simotics-fl)

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By clicking on the article number you proceed to the Industry Mall.

In the Industry Mall you have the possibility to add further options to the motor and place it to your shopping cart.

Power	Frame size	Rated voltage	Housing mat.	Article number					
				Mounting IM B3	Mounting IM B5	Mounting IM B35	Mounting IM V1	Mounting IM B14	Mounting IM B34
2-pole: 3000 min⁻¹ at 50 Hz									
0.75	80 M	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-0DA22-2AB4-Z B13	1LE0323-0DA22-2FB4-Z B13	1LE0323-0DA22-2JB4-Z B13	1LE0323-0DA22-2GB4-Z B13	1LE0323-0DA22-2KB4-Z B13	1LE0323-0DA22-2NB4-Z B13
1.1	80 M	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-0DA32-2AB4-Z B13	1LE0323-0DA32-2FB4-Z B13	1LE0323-0DA32-2JB4-Z B13	1LE0323-0DA32-2GB4-Z B13	1LE0323-0DA32-2KB4-Z B13	1LE0323-0DA32-2NB4-Z B13
1.5	90 S	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-0EA02-2AB4-Z B13	1LE0323-0EA02-2FB4-Z B13	1LE0323-0EA02-2JB4-Z B13	1LE0323-0EA02-2GB4-Z B13	1LE0323-0EA02-2KB4-Z B13	1LE0323-0EA02-2NB4-Z B13
2.2	90 L	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-0EA42-2AB4-Z B13	1LE0323-0EA42-2FB4-Z B13	1LE0323-0EA42-2JB4-Z B13	1LE0323-0EA42-2GB4-Z B13	1LE0323-0EA42-2KB4-Z B13	1LE0323-0EA42-2NB4-Z B13
3	100 L	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-1AA42-2AB4-Z B13	1LE0323-1AA42-2FB4-Z B13	1LE0323-1AA42-2JB4-Z B13	1LE0323-1AA42-2GB4-Z B13	1LE0323-1AA42-2KB4-Z B13	1LE0323-1AA42-2NB4-Z B13
3	100 L	400VΔ/690VY, 50 Hz	Aluminum	1LE0323-1AA43-4AB4-Z B13	1LE0323-1AA43-4FB4-Z B13	1LE0323-1AA43-4JB4-Z B13	1LE0323-1AA43-4GB4-Z B13	1LE0323-1AA43-4KB4-Z B13	1LE0323-1AA43-4NB4-Z B13
4	112 M	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-1BA22-2AB4-Z B13	1LE0323-1BA22-2FB4-Z B13	1LE0323-1BA22-2JB4-Z B13	1LE0323-1BA22-2GB4-Z B13	1LE0323-1BA22-2KB4-Z B13	1LE0323-1BA22-2NB4-Z B13
4	112 M	400VΔ/690VY, 50 Hz	Aluminum	1LE0323-1BA23-4AB4-Z B13	1LE0323-1BA23-4FB4-Z B13	1LE0323-1BA23-4JB4-Z B13	1LE0323-1BA23-4GB4-Z B13	1LE0323-1BA23-4KB4-Z B13	1LE0323-1BA23-4NB4-Z B13
5.5	132 S	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-1CA02-2AB4-Z B13	1LE0323-1CA02-2FB4-Z B13	1LE0323-1CA02-2JB4-Z B13	1LE0323-1CA02-2GB4-Z B13	1LE0323-1CA02-2KB4-Z B13	1LE0323-1CA02-2NB4-Z B13
5.5	132 S	400VΔ/690VY, 50 Hz	Aluminum	1LE0323-1CA03-4AB4-Z B13	1LE0323-1CA03-4FB4-Z B13	1LE0323-1CA03-4JB4-Z B13	1LE0323-1CA03-4GB4-Z B13	1LE0323-1CA03-4KB4-Z B13	1LE0323-1CA03-4NB4-Z B13
7.5	132 S	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-1CA12-2AB4-Z B13	1LE0323-1CA12-2FB4-Z B13	1LE0323-1CA12-2JB4-Z B13	1LE0323-1CA12-2GB4-Z B13	1LE0323-1CA12-2KB4-Z B13	1LE0323-1CA12-2NB4-Z B13
7.5	132 S	400VΔ/690VY, 50 Hz	Aluminum	1LE0323-1CA13-4AB4-Z B13	1LE0323-1CA13-4FB4-Z B13	1LE0323-1CA13-4JB4-Z B13	1LE0323-1CA13-4GB4-Z B13	1LE0323-1CA13-4KB4-Z B13	1LE0323-1CA13-4NB4-Z B13
11	160 M	400VΔ/690VY, 50 Hz	Aluminum	1LE0323-1DA23-4AB4-Z B13	1LE0323-1DA23-4FB4-Z B13	1LE0323-1DA23-4JB4-Z B13	1LE0323-1DA23-4GB4-Z B13	1LE0323-1DA23-4KB4-Z B13	1LE0323-1DA23-4NB4-Z B13
15	160 M	400VΔ/690VY, 50 Hz	Aluminum	1LE0323-1DA33-4AB4-Z B13	1LE0323-1DA33-4FB4-Z B13	1LE0323-1DA33-4JB4-Z B13	1LE0323-1DA33-4GB4-Z B13	1LE0323-1DA33-4KB4-Z B13	1LE0323-1DA33-4NB4-Z B13
18.5	160 L	400VΔ/690VY, 50 Hz	Aluminum	1LE0323-1DA43-4AB4-Z B13	1LE0323-1DA43-4FB4-Z B13	1LE0323-1DA43-4JB4-Z B13	1LE0323-1DA43-4GB4-Z B13	1LE0323-1DA43-4KB4-Z B13	1LE0323-1DA43-4NB4-Z B13
22	180 M	400VΔ/690VY, 50 Hz	Cast iron	1LE0023-1EA23-4AB4-Z B13	1LE0023-1EA23-4FB4-Z B13	1LE0023-1EA23-4JB4-Z B13	1LE0023-1EA23-4GB4-Z B13	-	-
30	200 L	400VΔ/690VY, 50 Hz	Cast iron	1LE0023-2AA43-4AB4-Z B13	1LE0023-2AA43-4FB4-Z B13	1LE0023-2AA43-4JB4-Z B13	1LE0023-2AA43-4GB4-Z B13	-	-
37	200 L	400VΔ/690VY, 50 Hz	Cast iron	1LE0023-2AA53-4AB4-Z B13	1LE0023-2AA53-4FB4-Z B13	1LE0023-2AA53-4JB4-Z B13	1LE0023-2AA53-4GB4-Z B13	-	-
45	225 M	400VΔ/690VY, 50 Hz	Cast iron	1LE0023-2BA23-4AB4-Z B13	1LE0023-2BA23-4FB4-Z B13	1LE0023-2BA23-4JB4-Z B13	1LE0023-2BA23-4GB4-Z B13	-	-
4-pole: 1500 min⁻¹ at 50 Hz									
0.55	80 M	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-0DB22-2AB4-Z B13	1LE0323-0DB22-2FB4-Z B13	1LE0323-0DB22-2JB4-Z B13	1LE0323-0DB22-2GB4-Z B13	1LE0323-0DB22-2KB4-Z B13	1LE0323-0DB22-2NB4-Z B13
0.75	80 M	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-0DB32-2AB4-Z B13	1LE0323-0DB32-2FB4-Z B13	1LE0323-0DB32-2JB4-Z B13	1LE0323-0DB32-2GB4-Z B13	1LE0323-0DB32-2KB4-Z B13	1LE0323-0DB32-2NB4-Z B13
1.1	90 S	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-0EB02-2AB4-Z B13	1LE0323-0EB02-2FB4-Z B13	1LE0323-0EB02-2JB4-Z B13	1LE0323-0EB02-2GB4-Z B13	1LE0323-0EB02-2KB4-Z B13	1LE0323-0EB02-2NB4-Z B13
1.5	90 L	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-0EB42-2AB4-Z B13	1LE0323-0EB42-2FB4-Z B13	1LE0323-0EB42-2JB4-Z B13	1LE0323-0EB42-2GB4-Z B13	1LE0323-0EB42-2KB4-Z B13	1LE0323-0EB42-2NB4-Z B13
2.2	100 L	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-1AB42-2AB4-Z B13	1LE0323-1AB42-2FB4-Z B13	1LE0323-1AB42-2JB4-Z B13	1LE0323-1AB42-2GB4-Z B13	1LE0323-1AB42-2KB4-Z B13	1LE0323-1AB42-2NB4-Z B13
2.2	100 L	400VΔ/690VY, 50 Hz	Aluminum	1LE0323-1AB43-4AB4-Z B13	1LE0323-1AB43-4FB4-Z B13	1LE0323-1AB43-4JB4-Z B13	1LE0323-1AB43-4GB4-Z B13	1LE0323-1AB43-4KB4-Z B13	1LE0323-1AB43-4NB4-Z B13
3	100 L	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-1AB52-2AB4-Z B13	1LE0323-1AB52-2FB4-Z B13	1LE0323-1AB52-2JB4-Z B13	1LE0323-1AB52-2GB4-Z B13	1LE0323-1AB52-2KB4-Z B13	1LE0323-1AB52-2NB4-Z B13
3	100 L	400VΔ/690VY, 50 Hz	Aluminum	1LE0323-1AB53-4AB4-Z B13	1LE0323-1AB53-4FB4-Z B13	1LE0323-1AB53-4JB4-Z B13	1LE0323-1AB53-4GB4-Z B13	1LE0323-1AB53-4KB4-Z B13	1LE0323-1AB53-4NB4-Z B13
4	112 M	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-1BB22-2AB4-Z B13	1LE0323-1BB22-2FB4-Z B13	1LE0323-1BB22-2JB4-Z B13	1LE0323-1BB22-2GB4-Z B13	1LE0323-1BB22-2KB4-Z B13	1LE0323-1BB22-2NB4-Z B13
4	112 M	400VΔ/690VY, 50 Hz	Aluminum	1LE0323-1BB23-4AB4-Z B13	1LE0323-1BB23-4FB4-Z B13	1LE0323-1BB23-4JB4-Z B13	1LE0323-1BB23-4GB4-Z B13	1LE0323-1BB23-4KB4-Z B13	1LE0323-1BB23-4NB4-Z B13
5.5	132 S	230VΔ/400VY, 50 Hz	Aluminum	1LE0323-1CB02-2AB4-Z B13	1LE0323-1CB02-2FB4-Z B13	1LE0323-1CB02-2JB4-Z B13	1LE0323-1CB02-2GB4-Z B13	1LE0323-1CB02-2KB4-Z B13	1LE0323-1CB02-2NB4-Z B13
5.5	132 S	400VΔ/690VY, 50 Hz	Aluminum	1LE0323-1CB03-4AB4-Z B13	1LE0323-1CB03-4FB4-Z B13	1LE0323-1CB03-4JB4-Z B13	1LE0323-1CB03-4GB4-Z B13	1LE0323-1CB03-4KB4-Z B13	1LE0323-1CB03-4NB4-Z B13
7.5	132 M	230VΔ/400VY, 50 Hz	Aluminium	1LE0323-1CB22-2AB4-Z B13	1LE0323-1CB22-2FB4-Z B13	1LE0323-1CB22-2JB4-Z B13	1LE0323-1CB22-2GB4-Z B13	1LE0323-1CB22-2KB4-Z B13	1LE0323-1CB22-2NB4-Z B13
7.5	132 M	400VΔ/690VY, 50 Hz	Aluminum	1LE0323-1CB23-4AB4-Z B13	1LE0323-1CB23-4FB4-Z B13	1LE0323-1CB23-4JB4-Z B13	1LE0323-1CB23-4GB4-Z B13	1LE0323-1CB23-4KB4-Z B13	1LE0323-1CB23-4NB4-Z B13
11	160 M	400VΔ/690VY, 50 Hz	Aluminum	1LE0323-1DB23-4AB4-Z B13	1LE0323-1DB23-4FB4-Z B13	1LE0323-1DB23-4JB4-Z B13	1LE0323-1DB23-4GB4-Z B13	1LE0323-1DB23-4KB4-Z B13	1LE0323-1DB23-4NB4-Z B13
15	160 L	400VΔ/690VY, 50 Hz	Aluminum	1LE0323-1DB43-4AB4-Z B13	1LE0323-1DB43-4FB4-Z B13	1LE0323-1DB43-4JB4-Z B13	1LE0323-1DB43-4GB4-Z B13	1LE0323-1DB43-4KB4-Z B13	1LE0323-1DB43-4NB4-Z B13
18.5	180 M	400VΔ/690VY, 50 Hz	Cast iron	1LE0023-1EB23-4AB4-Z B13	1LE0023-1EB23-4FB4-Z B13	1LE0023-1EB23-4JB4-Z B13	1LE0023-1EB23-4GB4-Z B13	-	-
22	180 L	400VΔ/690VY, 50 Hz	Cast iron	1LE0023-1EB43-4AB4-Z B13	1LE0023-1EB43-4FB4-Z B13	1LE0023-1EB43-4JB4-Z B13	1LE0023-1EB43-4GB4-Z B13	-	-
30	200 L	400VΔ/690VY, 50 Hz	Cast iron	1LE0023-2AB43-4AB4-Z B13	1LE0023-2AB43-4FB4-Z B13	1LE0023-2AB43-4JB4-Z B13	1LE0023-2AB43-4GB4-Z B13	-	-
37	225 S	400VΔ/690VY, 50 Hz	Cast iron	1LE0023-2BB03-4AB4-Z B13	1LE0023-2BB03-4FB4-Z B13	1LE0023-2BB03-4JB4-Z B13	1LE0023-2BB03-4GB4-Z B13	-	-
45	225 M	400VΔ/690VY, 50 Hz	Cast iron	1LE0023-2BB23-4AB4-Z B13	1LE0023-2BB23-4FB4-Z B13	1LE0023-2BB23-4JB4-Z B13	1LE0023-2BB23-4GB4-Z B13	-	-

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