

Standard delivery times in working days:

2

10

15

IE3**Preferred Motors**

Motors with IE3 Premium Efficiency

SIMOTICS GP – Aluminum series 1LE1003 · SIMOTICS SD – Cast-iron series 1LE1503

1

Selection and ordering data

Basic type 1LE

- Cooling: self-ventilated (IC 411)
- Efficiency: IE3 Premium Efficiency
- Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)
- Metal factor for metal surcharges (MS): N - W - - - -
- Price group: 3Z0

		Voltage →	50 Hz, 230 VΔ/400 VY 60 Hz, 460 VY			
		Type of construction →	Without flange IM B3		With flange IM B5	
		Motor protection →	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping
P_{rated} , 50 Hz kW	Frame size FS	Article No.	Price plus MS EUR			
		1LE1003-■■■■-.....	2-2AA4	2-2AB4	2-2FA4	2-2FB4
2-pole: 3000 rpm at 50 Hz, 3600 rpm at 60 Hz						
0.75	80 M	1LE1003-0DA2,-....	588.–	623.30	640.10	675.40
1.1	80 M	1LE1003-0DA3,-....	673.–	708.30	725.10	760.40
1.5	90 S	1LE1003-0EA0,-....	777.–	818.40	839.50	880.90
2.2	90 L	1LE1003-0EA4,-....	1000.–	1041.40	1062.50	1103.90
3	100 L	1LE1003-1AA4,-....	1130.–	1244.–	1207.40	1321.40
4	112 M	1LE1003-1BA2,-....	1330.–	1444.–	1426.10	1540.10
5.5	132 S	1LE1003-1CA0,-....	1670.–	1841.–	1795.–	1966.–
7.5	132 S	1LE1003-1CA1,-....	2130.–	2301.–	2255.–	2426.–

IE3**2****10****15****Preferred Motors**

Motors with IE3 Premium Efficiency

SIMOTICS GP – Aluminum series 1LE1003 · SIMOTICS SD – Cast-iron series 1LE1503**1****Selection and ordering data (continued)****Basic type 1LE**

- Cooling: self-ventilated (IC 411)
- Efficiency: IE3 Premium Efficiency
- Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)
- Metal factor for metal surcharges (MS): N - W - - - -
- Price group: 3Z0

		Voltage →	50 Hz, 400 VΔ/690 VY 60 Hz, 460 VΔ			
		Type of construction →	Without flange IM B3		With flange IM B5	
		Motor protection →	Without motor protection		Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping
P_{rated} , 50 Hz kW	Frame size FS	Article No.	Price plus MS EUR			
		1LE1003-1-.....	3-4AA4	3-4AB4	3-4FA4	3-4FB4
2-pole: 3000 rpm at 50 Hz, 3600 rpm at 60 Hz						
3	100 L	1LE1003-1AA4-.....	1130.-	1244.-	1207.40	1321.40
4	112 M	1LE1003-1BA2-.....	1330.-	1444.-	1426.10	1540.10
5.5	132 S	1LE1003-1CA0-.....	1670.-	1841.-	1795.-	1966.-
7.5	132 S	1LE1003-1CA1-.....	2130.-	2301.-	2255.-	2426.-
11	160 M	1LE1003-1DA2-.....	2950.-	3121.-	3112.-	3283.-
15	160 M	1LE1003-1DA3-.....	3860.-	4031.-	4022.-	4193.-
18.5	160 L	1LE1003-1DA4-.....	4600.-	4771.-	4762.-	4933.-
22	180 M	1LE1003-1EA2-.....	-	5357.-	-	-
22	180 M	1LE1503-1EA2-.....	5460.-	5687.-	-	5943.-
30	200 L	1LE1003-2AA4-.....	-	6887.-	-	-
30	200 L	1LE1503-2AA4-.....	7080.-	7307.-	-	7618.-
37	200 L	1LE1003-2AA5-.....	-	8577.-	-	-
37	200 L	1LE1503-2AA5-.....	8890.-	9117.-	-	9428.-
45	225 M	1LE1503-2BA2-.....	9980.-	10290.-	-	-
55	250 M	1LE1503-2CA2-.....	12000.-	12310.-	-	-
75	280 S	1LE1503-2DA0-.....	16100.-	16486.-	-	-
90	280 M	1LE1503-2DA2-.....	19000.-	19386.-	-	-

Standard delivery times in working days:

2

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IE3**Preferred Motors**

Motors with IE3 Premium Efficiency

SIMOTICS GP – Aluminum series 1LE1003 · SIMOTICS SD – Cast-iron series 1LE1503**1****Selection and ordering data** (continued)

Basic type 1LE1

- Cooling: self-ventilated (IC 411)
- Efficiency: IE3 Premium Efficiency
- Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)
- Metal factor for metal surcharges (MS): N - W - - - -
- Price group: 3Z0

Voltage →			50 Hz, 230 VΔ/400 VY 60 Hz, 460 VY				
Type of construction →			Without flange IM B3		With flange IM B5		With flange IM B14
Motor protection →			Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping	Without motor protection
P _{rated} , 50 Hz kW	Frame size FS	Article No.	Price plus MS EUR				
		1LE1003-■■■■-.....	2-2AA4	2-2AB4	2-2FA4	2-2FB4	2-2KA4
4-pole: 1500 rpm at 50 Hz, 1800 rpm at 60 Hz							
0.55	80 M	1LE1003-0DB2-..... ¹⁾	582.–	617.30	634.10	669.40	634.10
0.75	80 M	1LE1003-0DB3-.....	636.–	671.30	688.10	723.40	688.10
1.1	90 S	1LE1003-0EB0-.....	754.–	795.40	816.50	857.90	816.50
1.5	90 L	1LE1003-0EB4-.....	893.–	934.40	955.50	996.90	955.50
2.2	100 L	1LE1003-1AB4-.....	1030.–	1144.–	1107.40	1221.40	1107.40
3	100 L	1LE1003-1AB5-.....	1190.–	1304.–	1267.40	1381.40	1267.40
4	112 M	1LE1003-1BB2-.....	1450.–	1564.–	1546.10	1660.10	1546.10
5.5	132 S	1LE1003-1CB0-.....	1820.–	1991.–	1945.–	2116.–	–
7.5	132 M	1LE1003-1CB2-.....	2300.–	2471.–	2425.–	2596.–	–
11	160 M	1LE1003-1DB2-.....	3020.–	3191.–	3182.–	3353.–	–
15	160 L	1LE1003-1DB4-.....	3920.–	4091.–	4082.–	4253.–	–

¹⁾ IE3 Premium Efficiency will not be stamped, because the motor is not in the IE3 power range from 0.75 to 375 kW.

IE3**2****10****15****Preferred Motors**

Motors with IE3 Premium Efficiency

SIMOTICS GP – Aluminum series 1LE1003 · SIMOTICS SD – Cast-iron series 1LE1503**1****Selection and ordering data (continued)****Basic type 1LE1**

- Cooling: self-ventilated (IC 411)
- Efficiency: IE3 Premium Efficiency
- Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)
- Metal factor for metal surcharges (MS): N - W - - - -
- Price group: 3Z0

			Voltage →	50 Hz, 400 VΔ/690 VY 60 Hz, 460 VΔ			
			Type of construction →	Without flange IM B3		With flange IM B5	
			Motor protection →	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping
P _{rated} , 50 Hz kW	Frame size FS	Article No.	Price plus MS EUR				
		1LE1■03-■■■■-.....	3-4AA4	3-4AB4	3-4FA4	3-4FB4	3-4JA4
4-pole: 1500 rpm at 50 Hz, 1800 rpm at 60 Hz							
2.2	100 L	1LE1003-1AB4-.....	1030.-	1144.-	1107.40	1221.40	-
3	100 L	1LE1003-1AB5-.....	1190.-	1304.-	1267.40	1381.40	-
4	112 M	1LE1003-1BB2-.....	1450.-	1564.-	1546.10	1660.10	-
5.5	132 S	1LE1003-1CB0-.....	1820.-	1991.-	1945.-	2116.-	1950.-
7.5	132 M	1LE1003-1CB2-.....	2300.-	2471.-	2425.-	2596.-	2430.-
11	160 M	1LE1003-1DB2-.....	3020.-	3191.-	3182.-	3353.-	3200.-
15	160 L	1LE1003-1DB4-.....	3920.-	4091.-	4082.-	4253.-	4100.-
18.5	180 M	1LE1003-1EB2-.....	-	4587.-	-	4843.-	-
18.5	180 M	1LE1503-1EB2-.....	4630.-	4857.-	4886.-	5113.-	4930.-
22	180 L	1LE1003-1EB4-.....	-	5267.-	-	5523.-	-
22	180 L	1LE1503-1EB4-.....	5390.-	5617.-	5646.-	5873.-	5690.-
30	200 L	1LE1003-2AB5-.....	-	6787.-	-	7098.-	-
30	200 L	1LE1503-2AB5-.....	6990.-	7217.-	7301.-	7528.-	7390.-
37	225 S	1LE1503-2BB0-.....	8000.-	8310.-	-	-	-
45	225 M	1LE1503-2BB2-.....	9420.-	9730.-	-	-	-
55	250 M	1LE1503-2CB2-.....	11400.-	11710.-	-	-	-
75	280 S	1LE1503-2DB0-.....	15200.-	15586.-	-	-	-
90	280 M	1LE1503-2DB2-.....	17900.-	18286.-	-	-	-
110	315 S	1LE1503-3AB0-.....	22300.-	22686.-	-	-	-
132	315 M	1LE1503-3AB2-.....	26400.-	26786.-	-	-	-
160	315 L	1LE1503-3AB4-.....	31900.-	32286.-	-	-	-
200	315 L	1LE1503-3AB5-.....	39700.-	40086.-	-	-	-

Standard delivery times in working days:

2

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IE3**Preferred Motors**

Motors with IE3 Premium Efficiency

SIMOTICS GP – Aluminum series 1LE1003 · SIMOTICS SD – Cast-iron series 1LE1503**1****Selection and ordering data** (continued)

Basic type 1LE1

- Cooling: self-ventilated (IC 411)
- Efficiency: IE3 Premium Efficiency
- Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)
- Metal factor for metal surcharges (MS): N - W - - - -
- Price group: 3Z0

		Voltage →		50 Hz, 230 VΔ/400 VY 60 Hz, 460 VY			
		Type of construction →	Without flange IM B3	PTC thermistor with 1 or 3 embedded temperature sensors for tripping	With flange IM B5	Without motor protection	With flange IM B14
		Motor protection →	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping	Without motor protection
P_{rated} , 50 Hz kW	Frame size FS	Article No.	Price plus MS EUR				
		1LE1003-■■■■-.....	2-2AA4	2-2AB4	2-2FA4	2-2FB4	2-2KA4
6-pole: 1000 rpm at 50 Hz, 1200 rpm at 60 Hz							
0.37	80 M	1LE1003-0DC2-..... ¹⁾	565.-	600.30	617.10	652.40	617.10
0.55	80 M	1LE1003-0DC3-..... ¹⁾	653.-	688.30	705.10	740.40	705.10
0.75	90 S	1LE1003-0EC0-.....	738.-	779.40	800.50	841.90	800.50
1.1	90 L	1LE1003-0EC4-.....	915.-	956.40	977.50	1018.90	977.50
1.5	100 L	1LE1003-1AC4-.....	1020.-	1134.-	1097.40	1211.40	1097.40
2.2	112 M	1LE1003-1BC2-.....	1290.-	1404.-	1386.10	1500.10	1386.10
3	132 S	1LE1003-1CC0-.....	1610.-	1781.-	1735.-	1906.-	1735.-
4	132 M	1LE1003-1CC2-.....	1990.-	2161.-	2115.-	2286.-	-
5.5	132 M	1LE1003-1CC3-.....	2500.-	2671.-	2625.-	2796.-	-
7.5	160 M	1LE1003-1DC2-.....	3170.-	3341.-	3332.-	3503.-	-
11	160 L	1LE1003-1DC4-.....	4380.-	4551.-	4542.-	4713.-	-

¹⁾ IE3 Premium Efficiency will not be stamped, because the motor is not in the IE3 power range from 0.75 to 375 kW.

IE3**2****10****15****Preferred Motors**

Motors with IE3 Premium Efficiency

SIMOTICS GP – Aluminum series 1LE1003 · SIMOTICS SD – Cast-iron series 1LE1503**1****Selection and ordering data (continued)****Basic type 1LE1**

- Cooling: self-ventilated (IC 411)
- Efficiency: IE3 Premium Efficiency
- Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)
- Metal factor for metal surcharges (MS): N - W - - - -
- Price group: 3Z0

			Voltage →	50 Hz, 400 VΔ/690 VY 60 Hz, 460 VΔ			
			Type of construction →	Without flange IM B3		With flange IM B5	
			Motor protection →	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping
P _{rated} , 50 Hz kW	Frame size FS	Article No.	Price plus MS EUR				
		1LE1■03-■■■■-.....	3-4AA4	3-4AB4	3-4FA4	3-4FB4	3-4JA4
6-pole: 1000 rpm at 50 Hz, 1200 rpm at 60 Hz							
1.5	100 L	1LE1003-1AC4-.....	1020.-	1134.-	1097.40	1211.40	-
2.2	112 M	1LE1003-1BC2-.....	1290.-	1404.-	1386.10	1500.10	-
3	132 S	1LE1003-1CC0-.....	1610.-	1781.-	1735.-	1906.-	-
4	132 M	1LE1003-1CC2-.....	1990.-	2161.-	2115.-	2286.-	2120.-
5.5	132 M	1LE1003-1CC3-.....	2500.-	2671.-	2625.-	2796.-	2630.-
7.5	160 M	1LE1003-1DC2-.....	3170.-	3341.-	3332.-	3503.-	3350.-
11	160 L	1LE1003-1DC4-.....	4380.-	4551.-	4542.-	4713.-	4560.-
15	180 L	1LE1003-1EC4-.....	5410.-	5637.-	5666.-	5893.-	5710.-
15	180 L	1LE1503-1EC4-.....	5750.-	5977.-	6006.-	6233.-	6050.-
18.5	200 L	1LE1003-2AC4-.....	6590.-	6817.-	6901.-	7128.-	6990.-
18.5	200 L	1LE1503-2AC4-.....	7030.-	7257.-	7341.-	7568.-	7430.-
22	200 L	1LE1003-2AC5-.....	7650.-	7877.-	7961.-	8188.-	8050.-
22	200 L	1LE1503-2AC5-.....	8130.-	8357.-	8441.-	8668.-	8530.-
30	225 M	1LE1503-2BC2-.....	10300.-	10610.-	-	-	-
37	250 M	1LE1503-2CC2-.....	12600.-	12910.-	-	-	-
45	280 S	1LE1503-2DC0-.....	15200.-	15586.-	-	-	-
55	280 M	1LE1503-2DC2-.....	17900.-	18286.-	-	-	-
75	315 S	1LE1503-3AC0-.....	24300.-	24686.-	-	-	-
90	315 M	1LE1503-3AC2-.....	27400.-	27786.-	-	-	-
110	315 L	1LE1503-3AC4-.....	33000.-	33386.-	-	-	-
132	315 L	1LE1503-3AC5-.....	39200.-	39586.-	-	-	-
160	315 L	1LE1503-3AC6-.....	47600.-	47986.-	-	-	-

Standard delivery times in working days:

2

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IE2**Preferred Motors**

Motors with IE2 High Efficiency

SIMOTICS GP – Aluminum series 1LE1001 · SIMOTICS SD – Cast-iron series 1LE1501

1

Selection and ordering data

Basic type 1LE1

- Cooling: self-ventilated (IC 411)
- Efficiency: IE2 High Efficiency
- Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)
- Metal factor for metal surcharges (MS): N - W - - - -
- Price group: 3Z0

		Voltage →	50 Hz, 230 VΔ/400 VY 60 Hz, 460 VY			
		Type of construction →	Without flange IM B3		With flange IM B5	
		Motor protection →	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping
P_{rated} , 50 Hz kW	Frame size FS	Article No.	Price plus MS EUR			
		1LE1001-■■■■-.....	2-2AA4	2-2AB4	2-2FA4	2-2FB4
2-pole: 3000 rpm at 50 Hz, 3600 rpm at 60 Hz						
0.75	80 M	1LE1001-0DA2-.....	490.-	525.30	542.10	577.40
1.1	80 M	1LE1001-0DA3-.....	560.-	595.30	612.10	647.40
1.5	90 S	1LE1001-0EA0-.....	647.-	688.40	709.50	750.90
2.2	90 L	1LE1001-0EA4-.....	834.-	875.40	896.50	937.90
3	100 L	1LE1001-1AA4-.....	1000.-	1114.-	1077.40	1191.40
4	112 M	1LE1001-1BA2-.....	1190.-	1304.-	1286.10	1400.10
5.5	132 S	1LE1001-1CA0-.....	1490.-	1661.-	1615.-	1786.-
7.5	132 S	1LE1001-1CA1-.....	1880.-	2051.-	2005.-	2176.-

IE2**2****10****15****Preferred Motors**

Motors with IE2 High Efficiency

SIMOTICS GP – Aluminum series 1LE1001 · SIMOTICS SD – Cast-iron series 1LE1501**1****Selection and ordering data** (continued)**Basic type 1LE1**

- Cooling: self-ventilated (IC 411)
- Efficiency: IE2 High Efficiency
- Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)
- Metal factor for metal surcharges (MS): N - W - - - -
- Price group: 3Z0

			Voltage →	50 Hz, 400 VΔ/690 VY 60 Hz, 460 VΔ			
			Type of construction →	Without flange IM B3		With flange IM B5	
			Motor protection →	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping
<i>P</i> _{rated} , 50 Hz kW	Frame size FS	Article No.	Price plus MS EUR				
		1LE1001-1-.....	3-4AA4	3-4AB4	3-4FA4	3-4FB4	
2-pole: 3000 rpm at 50 Hz, 3600 rpm at 60 Hz							
3	100 L	1LE1001-1AA4-.....	1000.–	1114.–	1077.40	1191.40	
4	112 M	1LE1001-1BA2-.....	1190.–	1304.–	1286.10	1400.10	
5.5	132 S	1LE1001-1CA0-.....	1490.–	1661.–	1615.–	1786.–	
7.5	132 S	1LE1001-1CA1-.....	1880.–	2051.–	2005.–	2176.–	
11	160 M	1LE1001-1DA2-.....	2620.–	2791.–	2782.–	2953.–	
15	160 M	1LE1001-1DA3-.....	3420.–	3591.–	3582.–	3753.–	
18.5	160 L	1LE1001-1DA4-.....	4080.–	4251.–	4242.–	4413.–	
22	180 M	1LE1001-1EA2-.....	4650.–	4877.–	–	5133.–	
22	180 M	1LE1501-1EA2-.....	4950.–	5177.–	–	5433.–	
30	200 L	1LE1001-2AA4-.....	6030.–	6257.–	–	6568.–	
30	200 L	1LE1501-2AA4-.....	6420.–	6647.–	–	6958.–	
37	200 L	1LE1001-2AA5-.....	7570.–	7797.–	–	8108.–	
37	200 L	1LE1501-2AA5-.....	8050.–	8277.–	–	8588.–	
45	225 M	1LE1501-2BA2-.....	9290.–	9600.–	–	–	
55	250 M	1LE1501-2CA2-.....	11000.–	11310.–	–	–	
75	280 S	1LE1501-2DA0-.....	15100.–	15486.–	–	–	
90	280 M	1LE1501-2DA2-.....	17900.–	18286.–	–	–	

Standard delivery times in working days:

2

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IE2**Preferred Motors**

Motors with IE2 High Efficiency

SIMOTICS GP – Aluminum series 1LE1001 · SIMOTICS SD – Cast-iron series 1LE1501**1****Selection and ordering data** (continued)

Basic type 1LE1

- Cooling: self-ventilated (IC 411)
- Efficiency: IE2 High Efficiency
- Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)
- Metal factor for metal surcharges (MS): N - W - - - -
- Price group: 3Z0

		Voltage →		50 Hz, 230 VΔ/400 VY 60 Hz, 460 VY			
		Type of construction →	Without flange IM B3	PTC thermistor with 1 or 3 embedded temperature sensors for tripping	With flange IM B5	Without motor protection	With flange IM B14
		Motor protection →	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping	Without motor protection
P_{rated} , 50 Hz kW	Frame size FS	Article No.	Price plus MS EUR				
		1LE1001-■■■■-.....	2-2AA4	2-2AB4	2-2FA4	2-2FB4	2-2KA4
4-pole: 1500 rpm at 50 Hz, 1800 rpm at 60 Hz							
0.55	80 M	1LE1001-0DB2-..... ¹⁾	487.-	522.30	539.10	574.40	539.10
0.75	80 M	1LE1001-0DB3-.....	530.-	565.30	582.10	617.40	582.10
1.1	90 S	1LE1001-0EB0-.....	627.-	668.40	689.50	730.90	689.50
1.5	90 L	1LE1001-0EB4-.....	745.-	786.40	807.50	848.90	807.50
2.2	100 L	1LE1001-1AB4-.....	913.-	1027.-	990.40	1104.40	990.40
3	100 L	1LE1001-1AB5-.....	1050.-	1164.-	1127.40	1241.40	1127.40
4	112 M	1LE1001-1BB2-.....	1290.-	1404.-	1386.10	1500.10	1386.10
5.5	132 S	1LE1001-1CB0-.....	1600.-	1771.-	1725.-	1896.-	-
7.5	132 M	1LE1001-1CB2-.....	2040.-	2211.-	2165.-	2336.-	-
11	160 M	1LE1001-1DB2-.....	2680.-	2851.-	2842.-	3013.-	-
15	160 L	1LE1001-1DB4-.....	3460.-	3631.-	3622.-	3793.-	-

¹⁾ IE2 High Efficiency will not be stamped, because the motor is not in the IE2 power range from 0.75 to 375 kW.

IE2**2****10****15****Preferred Motors**

Motors with IE2 High Efficiency

SIMOTICS GP – Aluminum series 1LE1001 · SIMOTICS SD – Cast-iron series 1LE1501**1****Selection and ordering data (continued)****Basic type 1LE1**

- Cooling: self-ventilated (IC 411)
- Efficiency: IE2 High Efficiency
- Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)
- Metal factor for metal surcharges (MS): N - W - - - -
- Price group: 3Z0

			Voltage →	50 Hz, 400 VΔ/690 VY 60 Hz, 460 VΔ				
			Type of construction →	Without flange IM B3		With flange IM B5	With flange IM B35	
			Motor protection →	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping	Without motor protection	PTC thermistor with 1 or 3 embedded temperature sensors for tripping	Without motor protection
P _{rated} , 50 Hz kW	Frame size FS	Article No.	Price plus MS EUR					
		1LE1001-01-0000-0....	3-4AA4	3-4AB4	3-4FA4	3-4FB4	3-4JA4	
4-pole: 1500 rpm at 50 Hz, 1800 rpm at 60 Hz								
2.2	100 L	1LE1001-1AB4-0....	913.-	1027.-	990.40	1104.40	-	
3	100 L	1LE1001-1AB5-0....	1050.-	1164.-	1127.40	1241.40	-	
4	112 M	1LE1001-1BB2-0....	1290.-	1404.-	1386.10	1500.10	-	
5.5	132 S	1LE1001-1CB0-0....	1600.-	1771.-	1725.-	1896.-	1730.-	
7.5	132 M	1LE1001-1CB2-0....	2040.-	2211.-	2165.-	2336.-	2170.-	
11	160 M	1LE1001-1DB2-0....	2680.-	2851.-	2842.-	3013.-	2860.-	
15	160 L	1LE1001-1DB4-0....	3460.-	3631.-	3622.-	3793.-	3640.-	
18.5	180 M	1LE1001-1EB2-0....	3940.-	4167.-	4196.-	4423.-	4240.-	
18.5	180 M	1LE1501-1EB2-0....	4190.-	4417.-	4446.-	4673.-	4490.-	
22	180 L	1LE1001-1EB4-0....	4590.-	4817.-	4846.-	5073.-	4890.-	
22	180 L	1LE1501-1EB4-0....	4880.-	5107.-	5136.-	5363.-	5180.-	
30	200 L	1LE1001-2AB5-0....	5940.-	6167.-	6251.-	6478.-	6340.-	
30	200 L	1LE1501-2AB5-0....	6320.-	6547.-	6631.-	6858.-	6720.-	
37	225 S	1LE1501-2BB0-0....	7420.-	7730.-	-	-	-	
45	225 M	1LE1501-2BB2-0....	8740.-	9050.-	-	-	-	
55	250 M	1LE1501-2CB2-0....	10600.-	10910.-	-	-	-	
75	280 S	1LE1501-2DB0-0....	14200.-	14586.-	-	-	-	
90	280 M	1LE1501-2DB2-0....	16700.-	17086.-	-	-	-	
110	315 S	1LE1501-3AB0-0....	20900.-	21286.-	-	-	-	
132	315 M	1LE1501-3AB2-0....	24800.-	25186.-	-	-	-	
160	315 L	1LE1501-3AB4-0....	29800.-	30186.-	-	-	-	
200	315 L	1LE1501-3AB5-0....	37300.-	37686.-	-	-	-	

Standard delivery times in working days:

2

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IE2**Preferred Motors**

Motors with IE2 High Efficiency

SIMOTICS GP – Aluminum series 1LE1001 · SIMOTICS SD – Cast-iron series 1LE1501**1****Selection and ordering data** (continued)

Basic type 1LE1

- Cooling: self-ventilated (IC 411)
- Efficiency: IE2 High Efficiency
- Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)
- Metal factor for metal surcharges (MS): N - W - - - -
- Price group: 3Z0

Voltage →			50 Hz, 230 VΔ/400 VY 60 Hz, 460 VY				
Type of construction →			Without flange IM B3		With flange IM B5		With flange IM B14
Motor protection →			Without motor protection	PTC thermistor with 3 embedded temperature sensors for tripping	Without motor protection	PTC thermistor with 3 embedded temperature sensors for tripping	Without motor protection
P_{rated} , 50 Hz kW	Frame size FS	Article No.	Price plus MS EUR				
		1LE1001-■■■■-.....	2-2AA4	2-2AB4	2-2FA4	2-2FB4	2-2KA4
6-pole: 1000 rpm at 50 Hz, 1200 rpm at 60 Hz							
0.37	80 M	1LE1001-0DC2-..... ¹⁾	470.-	505.30	522.10	557.40	522.10
0.55	80 M	1LE1001-0DC3-..... ¹⁾	545.-	580.30	597.10	632.40	597.10
0.75	90 S	1LE1001-0EC0-.....	616.-	657.40	678.50	719.90	678.50
1.1	90 L	1LE1001-0EC4-.....	763.-	804.40	825.50	866.90	825.50
1.5	100 L	1LE1001-1AC4-.....	902.-	-	979.40	1093.40	979.40
2.2	112 M	1LE1001-1BC2-.....	1140.-	-	1236.10	1350.10	1236.10
3	132 S	1LE1001-1CC0-.....	1440.-	-	1565.-	1736.-	-
4	132 M	1LE1001-1CC2-.....	1770.-	-	1895.-	-	-
5.5	132 M	1LE1001-1CC3-.....	2230.-	-	-	-	-

¹⁾ IE2 High Efficiency will not be stamped, because the motor is not in the IE2 power range from 0.75 to 375 kW.

IE2**2****10****15****Preferred Motors**

Motors with IE2 High Efficiency

SIMOTICS GP – Aluminum series 1LE1001 · SIMOTICS SD – Cast-iron series 1LE1501**1****Selection and ordering data** (continued)**Basic type 1LE1**

- Cooling: self-ventilated (IC 411)
- Efficiency: IE2 High Efficiency
- Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)
- Metal factor for metal surcharges (MS): N - W - - - -
- Price group: 3Z0

			Voltage →	50 Hz, 400 VΔ/690 VY 60 Hz, 460 VΔ			
			Type of construction →	Without flange IM B3	With flange IM B5		
			Motor protection →	Without motor protection	PTC thermistor with 3 embedded temperature sensors for tripping	Without motor protection	PTC thermistor with 3 embedded temperature sensors for tripping
<i>P</i> _{rated} , 50 Hz kW	Frame size FS	Article No.	Price plus MS EUR				
		1LE1001-01-0000-0-....	3-4AA4	3-4AB4	3-4FA4	3-4FB4	
6-pole: 1000 rpm at 50 Hz, 1200 rpm at 60 Hz							
3	132 S	1LE1001-1CC0-0-....	1440.-	1611.-	1565.-	-	
4	132 M	1LE1001-1CC2-0-....	1770.-	1941.-	1895.-	2066.-	
5.5	132 M	1LE1001-1CC3-0-....	2230.-	2401.-	2355.-	2526.-	
7.5	160 M	1LE1001-1DC2-0-....	2820.-	2991.-	2982.-	3153.-	
11	160 L	1LE1001-1DC4-0-....	3890.-	4061.-	4052.-	4223.-	
15	180 L	1LE1001-1EC4-0-....	4890.-	5117.-	-	-	
15	180 L	1LE1501-1EC4-0-....	5200.-	5427.-	-	-	
18.5	200 L	1LE1001-2AC4-0-....	5980.-	6207.-	-	-	
18.5	200 L	1LE1501-2AC4-0-....	6360.-	6587.-	-	-	
22	200 L	1LE1001-2AC5-0-....	6940.-	7167.-	-	-	
22	200 L	1LE1501-2AC5-0-....	7370.-	7597.-	-	-	

Standard delivery times in working days:

2

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IE1**Preferred Motors**

Motors with IE1 Standard Efficiency

SIMOTICS GP – Aluminum series 1LE1002**1****Selection and ordering data**

Basic type 1LE1

- Cooling: self-ventilated (IC 411)
- Efficiency: IE1 Standard Efficiency
- Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)
- Metal factor for metal surcharges (MS): N - W - - - -
- Price group: 3Z0

		Voltage →		50 Hz, 230 VΔ/400 VY		60 Hz, 460 VY	
		Type of construction →	Without flange IM B3	With flange IM B5	With flange IM B5	With flange IM B14	With flange IM B14
		Motor protection →	Without motor protection	PTC thermistor with 3 embedded temperature sensors for tripping	Without motor protection	PTC thermistor with 3 embedded temperature sensors for tripping	Without motor protection
P_{rated}, 50 Hz	Frame size	Article No.	Price plus MS EUR				
kW	FS	1LE1002-0■■■.-....	2-2AA4	2-2AB4	2-2FA4	2-2FB4	2-2KA4
2-pole: 3000 rpm at 50 Hz, 3600 rpm at 60 Hz							
0.18	63 M	1LE1002-0BA2.-....	289.-	325.-	330.40	366.40	330.40
0.25	63 M	1LE1002-0BA3.-....	307.-	343.-	348.40	384.40	348.40
0.37	71 M	1LE1002-0CA2.-....	311.-	348.30	356.90	394.20	356.90
0.55	71 M	1LE1002-0CA3.-....	348.-	385.30	393.90	431.20	393.90
4-pole: 1500 rpm at 50 Hz, 1800 rpm at 60 Hz							
0.12	63 M	1LE1002-0BB2.-....	284.-	320.-	325.40	361.40	325.40
0.18	63 M	1LE1002-0BB3.-....	307.-	343.-	348.40	384.40	348.40
0.25	71 M	1LE1002-0CB2.-....	308.-	345.30	353.90	391.20	353.90
0.37	71 M	1LE1002-0CB3.-....	342.-	379.30	387.90	425.20	387.90
0.55	80 M	1LE1002-0DB2.-....	402.-	437.30	454.10	489.40	454.10
6-pole: 1000 rpm at 50 Hz, 1200 rpm at 60 Hz							
0.09	63 M	1LE1002-0BC2.-....	308.-	344.-	349.40	385.40	349.40
0.18	71 M	1LE1002-0CC2.-....	327.-	364.30	372.90	410.20	372.90
0.25	71 M	1LE1002-0CC3.-....	364.-	401.30	409.90	447.20	409.90
0.37	80 M	1LE1002-0DC2.-....	420.-	455.30	472.10	507.40	472.10
0.55	80 M	1LE1002-0DC3.-....	486.-	521.30	538.10	573.40	538.10