Data sheets - Siemens SIMOTICS GP motors

11 kW / 3000 rpm - 65 article numbers in this file

Article No.	Page	Article No.	Page
1LE1002-1DA23-4FA4	2	1LE1501-1DA23-4FA4	50
1LE1002-1DA23-4KA4	3	1LE1501-1DA23-4KA4	51
1LE1002-1CA63-4AA4	4	1LE1501-1CA63-4AA4	52
1LE1002-1CA63-4FA4	5	1LE1501-1CA63-4FA4	53
1LE1002-1CA63-4KA4	6	1LE1501-1CA63-4KA4	54
1LE1001-1DA23-4AA4	7	1LE1503-1DA23-4AA4	55
1LE1001-1DA23-4FA4	8	1LE1503-1DA23-4FA4	56
1LE1001-1DA23-4KA4	9	1LE1503-1CA63-4AA4	57
1LE1001-1CA63-4AA4	10	1LE1503-1CA63-4FA4	58
1LE1001-1CA63-4FA4	11	1LE1503-1CA63-4KA4	59
1LE1001-1CA63-4KA4	12	1LE1543-1DA23-4AA4	60
1LE1041-1DA23-4FA4	13	1LE1543-1DA23-4FA4	61
1LE1041-1DA23-4KA4	14	1LE1543-1CA63-4AA4	62
1LE1041-1CA63-4FA4	15	1LE1543-1CA63-4FA4	63
1LE1041-1CA63-4KA4	16	1LE1504-1DA23-4AA4	64
1LE1003-1DA23-4AA4	17	1LE1504-1DA23-4FA4	65
1LE1003-1DA23-4FA4	18	1LE1504-1DA23-4KA4	66
1LE1003-1DA23-4KA4	19		
1LE1003-1CA63-4AA4	20		
1LE1003-1CA63-4FA4	21		
1LE1043-1DA23-4AA4	22		
1LE1043-1DA23-4FA4	23		
1LE1043-1DA23-4KA4	24		
1LE1043-1CA63-4AA4	25		
1LE1043-1CA63-4FA4	26		
1LE1043-1CA63-4KA4	27		
1LE1004-1DA23-4AA4	28		
1LE1004-1DA23-4FA4	29		
1LE1004-1DA23-4KA4	30		
1LE0102-1DA23-4AA4	31		
1LE0102-1DA23-4FA4	32		
1LE0102-1DA23-4KA4	33		
1LE0102-1DA24-1AA4	34		
1LE0102-1DA24-1FA4	35		
1LE0102-1DA24-1KA4	36		
1LE1502-1DA23-4AA4	37		
1LE1502-1DA23-4FA4	38		
1LE1502-1DA23-4KA4	39		
1LE1502-1CA63-4AA4	40		
1LE1502-1CA63-4FA4	41		
1LE1502-1CA63-4KA4	42		
1LE0101-1DA23-4AB4	43		
1LE0101-1DA23-4FB4	44		
1LE0101-1DA23-4KB4	45		
1LE0101-1DA24-1AB4	46		
1LE0101-1DA24-1FB4	47		
1LE0101-1DA24-1KB4	48		
1LE1501-1DA23-4AA4	49		

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1002 (IE1)

1LE1002-1DA23-4FA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B5 | Article No. 1LE1002-1DA23-4FA4

GENERAL DATA

Series / efficiency class	**1LE1002 / IE1**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**60 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2925 rpm**
Rated torque	**36 Nm**
Rated current	**21 A**
Power factor	**0.86**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88 | 87.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**5.7 | 2 | 2.7**
Moment of inertia J	**0.03 kgm2**
Sound pressure / power LpfA | LWA	**70 | 82 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1002, p. 2/44 (PDF 162)**
Catalog 2	**Brochure 07/2014 (14050629), p. 18 (PDF 18)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1002 (IE1)

1LE1002-1DA23-4KA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B14 | Article No. 1LE1002-1DA23-4KA4

GENERAL DATA

Series / efficiency class	**1LE1002 / IE1**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**60 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2925 rpm**
Rated torque	**36 Nm**
Rated current	**21 A**
Power factor	**0.86**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88 | 87.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**5.7 | 2 | 2.7**
Moment of inertia J	**0.03 kgm2**
Sound pressure / power LpfA | LWA	**70 | 82 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1002, p. 2/44 (PDF 162)**
Catalog 2	**Brochure 07/2014 (14050629), p. 18 (PDF 18)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1002 (IE1)

1LE1002-1CA63-4AA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B3 | Article No. 1LE1002-1CA63-4AA4

GENERAL DATA

Series / efficiency class	**1LE1002 / IE1**
Housing	**Aluminum**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**53 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2920 rpm**
Rated torque	**36 Nm**
Rated current	**20 A**
Power factor	**0.9**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88.3 | 87.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.8 | 3.7**
Moment of inertia J	**0.022 kgm2**
Sound pressure / power LpfA | LWA	**68 | 80 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1002, p. 2/47 (PDF 165)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1002 (IE1)

1LE1002-1CA63-4FA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B5 | Article No. 1LE1002-1CA63-4FA4

GENERAL DATA

Series / efficiency class	**1LE1002 / IE1**
Housing	**Aluminum**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**53 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2920 rpm**
Rated torque	**36 Nm**
Rated current	**20 A**
Power factor	**0.9**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88.3 | 87.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.8 | 3.7**
Moment of inertia J	**0.022 kgm2**
Sound pressure / power LpfA | LWA	**68 | 80 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1002, p. 2/47 (PDF 165)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1002 (IE1)

1LE1002-1CA63-4KA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B14 | Article No. 1LE1002-1CA63-4KA4

GENERAL DATA

Series / efficiency class	**1LE1002 / IE1**
Housing	**Aluminum**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**53 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2920 rpm**
Rated torque	**36 Nm**
Rated current	**20 A**
Power factor	**0.9**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88.3 | 87.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.8 | 3.7**
Moment of inertia J	**0.022 kgm2**
Sound pressure / power LpfA | LWA	**68 | 80 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1002, p. 2/47 (PDF 165)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1001 (IE2)

1LE1001-1DA23-4AA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B3 | Article No. 1LE1001-1DA23-4AA4

GENERAL DATA

Series / efficiency class	**1LE1001 / IE2**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**67 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**36 Nm**
Rated current	**20.5 A**
Power factor	**0.87**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 89.3 | 88 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.4 | 2.1 | 3.2**
Moment of inertia J	**0.045 kgm2**
Sound pressure / power LpfA | LWA	**70 | 82 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1001, p. 2/26 (PDF 144)**
Catalog 2	**Brochure 07/2014 (14050629), p. 19 (PDF 19)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1001 (IE2)

1LE1001-1DA23-4FA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B5 | Article No. 1LE1001-1DA23-4FA4

GENERAL DATA

Series / efficiency class	**1LE1001 / IE2**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**67 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**36 Nm**
Rated current	**20.5 A**
Power factor	**0.87**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 89.3 | 88 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.4 | 2.1 | 3.2**
Moment of inertia J	**0.045 kgm2**
Sound pressure / power LpfA | LWA	**70 | 82 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1001, p. 2/26 (PDF 144)**
Catalog 2	**Brochure 07/2014 (14050629), p. 19 (PDF 19)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1001 (IE2)

1LE1001-1DA23-4KA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B14 | Article No. 1LE1001-1DA23-4KA4

GENERAL DATA

Series / efficiency class	**1LE1001 / IE2**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**67 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**36 Nm**
Rated current	**20.5 A**
Power factor	**0.87**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 89.3 | 88 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.4 | 2.1 | 3.2**
Moment of inertia J	**0.045 kgm2**
Sound pressure / power LpfA | LWA	**70 | 82 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1001, p. 2/26 (PDF 144)**
Catalog 2	**Brochure 07/2014 (14050629), p. 19 (PDF 19)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1001 (IE2)

1LE1001-1CA63-4AA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B3 | Article No. 1LE1001-1CA63-4AA4

GENERAL DATA

Series / efficiency class	**1LE1001 / IE2**
Housing	**Aluminum**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**57 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2950 rpm**
Rated torque	**36 Nm**
Rated current	**20 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 90.1 | 89.9 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.9 | 2.3 | 3.2**
Moment of inertia J	**0.031 kgm2**
Sound pressure / power LpfA | LWA	**68 | 80 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1001, p. 2/30 (PDF 148)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1001 (IE2)

1LE1001-1CA63-4FA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B5 | Article No. 1LE1001-1CA63-4FA4

GENERAL DATA

Series / efficiency class	**1LE1001 / IE2**
Housing	**Aluminum**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**57 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2950 rpm**
Rated torque	**36 Nm**
Rated current	**20 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 90.1 | 89.9 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.9 | 2.3 | 3.2**
Moment of inertia J	**0.031 kgm2**
Sound pressure / power LpfA | LWA	**68 | 80 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1001, p. 2/30 (PDF 148)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1001 (IE2)

1LE1001-1CA63-4KA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B14 | Article No. 1LE1001-1CA63-4KA4

GENERAL DATA

Series / efficiency class	**1LE1001 / IE2**
Housing	**Aluminum**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**57 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2950 rpm**
Rated torque	**36 Nm**
Rated current	**20 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 90.1 | 89.9 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.9 | 2.3 | 3.2**
Moment of inertia J	**0.031 kgm2**
Sound pressure / power LpfA | LWA	**68 | 80 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1001, p. 2/30 (PDF 148)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1041 (IE2)

1LE1041-1DA23-4FA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B5 | Article No. 1LE1041-1DA23-4FA4

GENERAL DATA

Series / efficiency class	**1LE1041 / IE2**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**67 kg**

ELECTRICAL DATA - CATALOG VALUES AT 60 HZ (APAC LINE)

Rated power (P50 rating)	**11 kW (about 15 HP)**
Rated power (P60 rating)	**12.6 kW**
Rated speed (60 Hz)	**3560 rpm**
Rated torque (60 Hz)	**30 Nm**
Rated current (460 V, 60 Hz)	**17.8 A**
Power factor (60 Hz)	**0.86**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**90.2 | 89.6 | 87.4 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**8.2 | 2.4 | 3.6**
Moment of inertia J	**0.045 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**77 | 89 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1041, p. 2/65 (PDF 183)**

محور نیرو
Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
APAC Line: the catalog lists operating values at 60 Hz only; 50 Hz speed/efficiency are not listed (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1041 (IE2)

1LE1041-1DA23-4KA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B14 | Article No. 1LE1041-1DA23-4KA4

GENERAL DATA

Series / efficiency class	**1LE1041 / IE2**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**67 kg**

ELECTRICAL DATA - CATALOG VALUES AT 60 HZ (APAC LINE)

Rated power (P50 rating)	**11 kW (about 15 HP)**
Rated power (P60 rating)	**12.6 kW**
Rated speed (60 Hz)	**3560 rpm**
Rated torque (60 Hz)	**30 Nm**
Rated current (460 V, 60 Hz)	**17.8 A**
Power factor (60 Hz)	**0.86**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**90.2 | 89.6 | 87.4 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**8.2 | 2.4 | 3.6**
Moment of inertia J	**0.045 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**77 | 89 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1041, p. 2/65 (PDF 183)**

محور نیرو
Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
APAC Line: the catalog lists operating values at 60 Hz only; 50 Hz speed/efficiency are not listed (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1041 (IE2)

1LE1041-1CA63-4FA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B5 | Article No. 1LE1041-1CA63-4FA4

GENERAL DATA

Series / efficiency class	**1LE1041 / IE2**
Housing	**Aluminum**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**57 kg**

ELECTRICAL DATA - CATALOG VALUES AT 60 HZ (APAC LINE)

Rated power (P50 rating)	**11 kW (about 15 HP)**
Rated power (P60 rating)	**12.6 kW**
Rated speed (60 Hz)	**3555 rpm**
Rated torque (60 Hz)	**30 Nm**
Rated current (460 V, 60 Hz)	**17 A**
Power factor (60 Hz)	**0.9**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**90.2 | 90.5 | 89.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**9.3 | 2.7 | 3.6**
Moment of inertia J	**0.031 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**72 | 84 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1041, p. 2/67 (PDF 185)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
APAC Line: the catalog lists operating values at 60 Hz only; 50 Hz speed/efficiency are not listed (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1041 (IE2)

1LE1041-1CA63-4KA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B14 | Article No. 1LE1041-1CA63-4KA4

GENERAL DATA

Series / efficiency class	**1LE1041 / IE2**
Housing	**Aluminum**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**57 kg**

ELECTRICAL DATA - CATALOG VALUES AT 60 HZ (APAC LINE)

Rated power (P50 rating)	**11 kW (about 15 HP)**
Rated power (P60 rating)	**12.6 kW**
Rated speed (60 Hz)	**3555 rpm**
Rated torque (60 Hz)	**30 Nm**
Rated current (460 V, 60 Hz)	**17 A**
Power factor (60 Hz)	**0.9**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**90.2 | 90.5 | 89.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**9.3 | 2.7 | 3.6**
Moment of inertia J	**0.031 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**72 | 84 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1041, p. 2/67 (PDF 185)**

محور نیرو
Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
APAC Line: the catalog lists operating values at 60 Hz only; 50 Hz speed/efficiency are not listed (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1003 (IE3)

1LE1003-1DA23-4AA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B3 | Article No. 1LE1003-1DA23-4AA4

GENERAL DATA

Series / efficiency class	**1LE1003 / IE3**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**75 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**35.5 Nm**
Rated current	**19.6 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**91.2 | 91 | 89.5 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.9 | 2.4 | 3.8**
Moment of inertia J	**0.053 kgm2**
Sound pressure / power LpfA | LWA	**70 | 82 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1003, p. 2/13 (PDF 131)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1003 (IE3)

1LE1003-1DA23-4FA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B5 | Article No. 1LE1003-1DA23-4FA4

GENERAL DATA

Series / efficiency class	**1LE1003 / IE3**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**75 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**35.5 Nm**
Rated current	**19.6 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**91.2 | 91 | 89.5 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.9 | 2.4 | 3.8**
Moment of inertia J	**0.053 kgm2**
Sound pressure / power LpfA | LWA	**70 | 82 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1003, p. 2/13 (PDF 131)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1003 (IE3)

1LE1003-1DA23-4KA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B14 | Article No. 1LE1003-1DA23-4KA4

GENERAL DATA

Series / efficiency class	**1LE1003 / IE3**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**75 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**35.5 Nm**
Rated current	**19.6 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**91.2 | 91 | 89.5 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.9 | 2.4 | 3.8**
Moment of inertia J	**0.053 kgm2**
Sound pressure / power LpfA | LWA	**70 | 82 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1003, p. 2/13 (PDF 131)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1003 (IE3)

1LE1003-1CA63-4AA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B3 | Article No. 1LE1003-1CA63-4AA4

GENERAL DATA

Series / efficiency class	**1LE1003 / IE3**
Housing	**Aluminum**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**55 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2940 rpm**
Rated torque	**35.5 Nm**
Rated current	**19.6 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**91.2 | 92.1 | 92.3 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**9.8 | 2.8 | 4.1**
Moment of inertia J	**0.023 kgm2**
Sound pressure / power LpfA | LWA	**68 | 76 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (09/2023), table 1LE1003, p. 3/17**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1003 (IE3)

1LE1003-1CA63-4FA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B5 | Article No. 1LE1003-1CA63-4FA4

GENERAL DATA

Series / efficiency class	**1LE1003 / IE3**
Housing	**Aluminum**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**55 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2940 rpm**
Rated torque	**35.5 Nm**
Rated current	**19.6 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**91.2 | 92.1 | 92.3 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**9.8 | 2.8 | 4.1**
Moment of inertia J	**0.023 kgm2**
Sound pressure / power LpfA | LWA	**68 | 76 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (09/2023), table 1LE1003, p. 3/17**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1043 (IE3)

1LE1043-1DA23-4AA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B3 | Article No. 1LE1043-1DA23-4AA4

GENERAL DATA

Series / efficiency class	**1LE1043 / IE3**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**75 kg**

ELECTRICAL DATA - CATALOG VALUES AT 60 HZ (APAC LINE)

Rated power (P50 rating)	**11 kW (about 15 HP)**
Rated power (P60 rating)	**12.6 kW**
Rated speed (60 Hz)	**3560 rpm**
Rated torque (60 Hz)	**30 Nm**
Rated current (460 V, 60 Hz)	**17.2 A**
Power factor (60 Hz)	**0.88**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**91 | 90.4 | 88.4 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**8.5 | 2.8 | 4.3**
Moment of inertia J	**0.053 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**77 | 89 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1043, p. 2/54 (PDF 172)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
APAC Line: the catalog lists operating values at 60 Hz only; 50 Hz speed/efficiency are not listed (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1043 (IE3)

1LE1043-1DA23-4FA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B5 | Article No. 1LE1043-1DA23-4FA4

GENERAL DATA

Series / efficiency class	**1LE1043 / IE3**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**75 kg**

ELECTRICAL DATA - CATALOG VALUES AT 60 HZ (APAC LINE)

Rated power (P50 rating)	**11 kW (about 15 HP)**
Rated power (P60 rating)	**12.6 kW**
Rated speed (60 Hz)	**3560 rpm**
Rated torque (60 Hz)	**30 Nm**
Rated current (460 V, 60 Hz)	**17.2 A**
Power factor (60 Hz)	**0.88**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**91 | 90.4 | 88.4 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**8.5 | 2.8 | 4.3**
Moment of inertia J	**0.053 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**77 | 89 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1043, p. 2/54 (PDF 172)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
APAC Line: the catalog lists operating values at 60 Hz only; 50 Hz speed/efficiency are not listed (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1043 (IE3)

1LE1043-1DA23-4KA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B14 | Article No. 1LE1043-1DA23-4KA4

GENERAL DATA

Series / efficiency class	**1LE1043 / IE3**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**75 kg**

ELECTRICAL DATA - CATALOG VALUES AT 60 HZ (APAC LINE)

Rated power (P50 rating)	**11 kW (about 15 HP)**
Rated power (P60 rating)	**12.6 kW**
Rated speed (60 Hz)	**3560 rpm**
Rated torque (60 Hz)	**30 Nm**
Rated current (460 V, 60 Hz)	**17.2 A**
Power factor (60 Hz)	**0.88**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**91 | 90.4 | 88.4 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**8.5 | 2.8 | 4.3**
Moment of inertia J	**0.053 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**77 | 89 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1043, p. 2/54 (PDF 172)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
APAC Line: the catalog lists operating values at 60 Hz only; 50 Hz speed/efficiency are not listed (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1043 (IE3)

1LE1043-1CA63-4AA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B3 | Article No. 1LE1043-1CA63-4AA4

GENERAL DATA

Series / efficiency class	**1LE1043 / IE3**
Housing	**Aluminum**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**55 kg**

ELECTRICAL DATA - CATALOG VALUES AT 60 HZ (APAC LINE)

Rated power (P50 rating)	**11 kW (about 15 HP)**
Rated power (P60 rating)	**12.6 kW**
Rated speed (60 Hz)	**3550 rpm**
Rated torque (60 Hz)	**29.5 Nm**
Rated current (460 V, 60 Hz)	**17.2 A**
Power factor (60 Hz)	**0.88**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**91 | 91.3 | 90.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**11.7 | 3.2 | 4.9**
Moment of inertia J	**0.023 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**73 | 81 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (09/2023), table 1LE1043, p. 3/64**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
APAC Line: the catalog lists operating values at 60 Hz only; 50 Hz speed/efficiency are not listed (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1043 (IE3)

1LE1043-1CA63-4FA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B5 | Article No. 1LE1043-1CA63-4FA4

GENERAL DATA

Series / efficiency class	**1LE1043 / IE3**
Housing	**Aluminum**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**55 kg**

ELECTRICAL DATA - CATALOG VALUES AT 60 HZ (APAC LINE)

Rated power (P50 rating)	**11 kW (about 15 HP)**
Rated power (P60 rating)	**12.6 kW**
Rated speed (60 Hz)	**3550 rpm**
Rated torque (60 Hz)	**29.5 Nm**
Rated current (460 V, 60 Hz)	**17.2 A**
Power factor (60 Hz)	**0.88**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**91 | 91.3 | 90.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**11.7 | 3.2 | 4.9**
Moment of inertia J	**0.023 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**73 | 81 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (09/2023), table 1LE1043, p. 3/64**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
APAC Line: the catalog lists operating values at 60 Hz only; 50 Hz speed/efficiency are not listed (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1043 (IE3)

1LE1043-1CA63-4KA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B14 | Article No. 1LE1043-1CA63-4KA4

GENERAL DATA

Series / efficiency class	**1LE1043 / IE3**
Housing	**Aluminum**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**55 kg**

ELECTRICAL DATA - CATALOG VALUES AT 60 HZ (APAC LINE)

Rated power (P50 rating)	**11 kW (about 15 HP)**
Rated power (P60 rating)	**12.6 kW**
Rated speed (60 Hz)	**3550 rpm**
Rated torque (60 Hz)	**29.5 Nm**
Rated current (460 V, 60 Hz)	**17.2 A**
Power factor (60 Hz)	**0.88**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**91 | 91.3 | 90.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**11.7 | 3.2 | 4.9**
Moment of inertia J	**0.023 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**73 | 81 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (09/2023), table 1LE1043, p. 3/64**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
APAC Line: the catalog lists operating values at 60 Hz only; 50 Hz speed/efficiency are not listed (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1004 (IE4)

1LE1004-1DA23-4AA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B3 | Article No. 1LE1004-1DA23-4AA4

GENERAL DATA

Series / efficiency class	**1LE1004 / IE4**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**84 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**36 Nm**
Rated current	**19.1 A**
Power factor	**0.9**
Efficiency 4/4 | 3/4 | 2/4	**92.6 | 92.8 | 92 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**8.6 | 2.8 | 4.2**
Moment of inertia J	**0.061 kgm2**
Sound pressure / power LpfA | LWA	**74 | 87 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1004, p. 2/8 (PDF 126)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1004 (IE4)

1LE1004-1DA23-4FA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B5 | Article No. 1LE1004-1DA23-4FA4

GENERAL DATA

Series / efficiency class	**1LE1004 / IE4**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**84 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**36 Nm**
Rated current	**19.1 A**
Power factor	**0.9**
Efficiency 4/4 | 3/4 | 2/4	**92.6 | 92.8 | 92 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**8.6 | 2.8 | 4.2**
Moment of inertia J	**0.061 kgm2**
Sound pressure / power LpfA | LWA	**74 | 87 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1004, p. 2/8 (PDF 126)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1004 (IE4)

1LE1004-1DA23-4KA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B14 | Article No. 1LE1004-1DA23-4KA4

GENERAL DATA

Series / efficiency class	**1LE1004 / IE4**
Housing	**Aluminum**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**84 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**36 Nm**
Rated current	**19.1 A**
Power factor	**0.9**
Efficiency 4/4 | 3/4 | 2/4	**92.6 | 92.8 | 92 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**8.6 | 2.8 | 4.2**
Moment of inertia J	**0.061 kgm2**
Sound pressure / power LpfA | LWA	**74 | 87 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1004, p. 2/8 (PDF 126)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE0102 (IE1)

1LE0102-1DA23-4AA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B3 | Article No. 1LE0102-1DA23-4AA4

GENERAL DATA

Series / efficiency class	**1LE0102 / IE1**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**93 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2925 rpm**
Rated torque	**35.9 Nm**
Rated current	**21.5 A**
Power factor	**0.84**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88.2 | 87.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**6.3 | 2 | 3.1**
Moment of inertia J	**0.028 kgm2**

SOURCE OF DATA

Catalog 1	**Brochure 07/2014 (14050629), table 1LE0102, p. 20 (PDF 20)**

محور نیرو
Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE0102 (IE1)

1LE0102-1DA23-4FA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B5 | Article No. 1LE0102-1DA23-4FA4

GENERAL DATA

Series / efficiency class	**1LE0102 / IE1**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**93 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2925 rpm**
Rated torque	**35.9 Nm**
Rated current	**21.5 A**
Power factor	**0.84**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88.2 | 87.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**6.3 | 2 | 3.1**
Moment of inertia J	**0.028 kgm2**

SOURCE OF DATA

Catalog 1	**Brochure 07/2014 (14050629), table 1LE0102, p. 20 (PDF 20)**

محور نیرو
Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE0102 (IE1)

1LE0102-1DA23-4KA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B14 | Article No. 1LE0102-1DA23-4KA4

GENERAL DATA

Series / efficiency class	**1LE0102 / IE1**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**93 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2925 rpm**
Rated torque	**35.9 Nm**
Rated current	**21.5 A**
Power factor	**0.84**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88.2 | 87.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**6.3 | 2 | 3.1**
Moment of inertia J	**0.028 kgm2**

SOURCE OF DATA

Catalog 1	**Brochure 07/2014 (14050629), table 1LE0102, p. 20 (PDF 20)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE0102 (IE1)

1LE0102-1DA24-1AA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B3 | Article No. 1LE0102-1DA24-1AA4

GENERAL DATA

Series / efficiency class	**1LE0102 / IE1**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**525 V D**
Net weight (IM B3)	**93 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2925 rpm**
Rated torque	**35.9 Nm**
Rated current	**16.3 A**
Power factor	**0.84**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88.2 | 87.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**6.3 | 2 | 3.1**
Moment of inertia J	**0.028 kgm2**

SOURCE OF DATA

Catalog 1	**Brochure 07/2014 (14050629), table 1LE0102, p. 26 (PDF 26)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE0102 (IE1)

1LE0102-1DA24-1FA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B5 | Article No. 1LE0102-1DA24-1FA4

GENERAL DATA

Series / efficiency class	**1LE0102 / IE1**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**525 V D**
Net weight (IM B3)	**93 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2925 rpm**
Rated torque	**35.9 Nm**
Rated current	**16.3 A**
Power factor	**0.84**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88.2 | 87.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**6.3 | 2 | 3.1**
Moment of inertia J	**0.028 kgm2**

SOURCE OF DATA

Catalog 1	**Brochure 07/2014 (14050629), table 1LE0102, p. 26 (PDF 26)**

محور نیرو
Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE0102 (IE1)

1LE0102-1DA24-1KA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B14 | Article No. 1LE0102-1DA24-1KA4

GENERAL DATA

Series / efficiency class	**1LE0102 / IE1**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**525 V D**
Net weight (IM B3)	**93 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2925 rpm**
Rated torque	**35.9 Nm**
Rated current	**16.3 A**
Power factor	**0.84**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88.2 | 87.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**6.3 | 2 | 3.1**
Moment of inertia J	**0.028 kgm2**

SOURCE OF DATA

Catalog 1	**Brochure 07/2014 (14050629), table 1LE0102, p. 26 (PDF 26)**

محور نیرو
Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1502 (IE1)

1LE1502-1DA23-4AA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B3 | Article No. 1LE1502-1DA23-4AA4

GENERAL DATA

Series / efficiency class	**1LE1502 / IE1**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**87 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2925 rpm**
Rated torque	**36 Nm**
Rated current	**21 A**
Power factor	**0.86**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88 | 87.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**5.7 | 2 | 2.7**
Moment of inertia J	**0.03 kgm2**
Sound pressure / power LpfA | LWA	**73 | 86 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1502, p. 2/48 (PDF 166)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1502 (IE1)

1LE1502-1DA23-4FA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B5 | Article No. 1LE1502-1DA23-4FA4

GENERAL DATA

Series / efficiency class	**1LE1502 / IE1**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**87 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2925 rpm**
Rated torque	**36 Nm**
Rated current	**21 A**
Power factor	**0.86**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88 | 87.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**5.7 | 2 | 2.7**
Moment of inertia J	**0.03 kgm2**
Sound pressure / power LpfA | LWA	**73 | 86 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1502, p. 2/48 (PDF 166)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1502 (IE1)

1LE1502-1DA23-4KA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B14 | Article No. 1LE1502-1DA23-4KA4

GENERAL DATA

Series / efficiency class	**1LE1502 / IE1**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**87 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2925 rpm**
Rated torque	**36 Nm**
Rated current	**21 A**
Power factor	**0.86**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88 | 87.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**5.7 | 2 | 2.7**
Moment of inertia J	**0.03 kgm2**
Sound pressure / power LpfA | LWA	**73 | 86 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1502, p. 2/48 (PDF 166)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1502 (IE1)

1LE1502-1CA63-4AA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B3 | Article No. 1LE1502-1CA63-4AA4

GENERAL DATA

Series / efficiency class	**1LE1502 / IE1**
Housing	**Cast iron**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**76 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2920 rpm**
Rated torque	**36 Nm**
Rated current	**20 A**
Power factor	**0.9**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88.3 | 87.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.8 | 3.7**
Moment of inertia J	**0.022 kgm2**
Sound pressure / power LpfA | LWA	**68 | 80 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1502, p. 2/52 (PDF 170)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1502 (IE1)

1LE1502-1CA63-4FA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B5 | Article No. 1LE1502-1CA63-4FA4

GENERAL DATA

Series / efficiency class	**1LE1502 / IE1**
Housing	**Cast iron**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**76 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2920 rpm**
Rated torque	**36 Nm**
Rated current	**20 A**
Power factor	**0.9**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88.3 | 87.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.8 | 3.7**
Moment of inertia J	**0.022 kgm2**
Sound pressure / power LpfA | LWA	**68 | 80 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1502, p. 2/52 (PDF 170)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1502 (IE1)

1LE1502-1CA63-4KA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B14 | Article No. 1LE1502-1CA63-4KA4

GENERAL DATA

Series / efficiency class	**1LE1502 / IE1**
Housing	**Cast iron**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**76 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2920 rpm**
Rated torque	**36 Nm**
Rated current	**20 A**
Power factor	**0.9**
Efficiency 4/4 | 3/4 | 2/4	**87.6 | 88.3 | 87.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.8 | 3.7**
Moment of inertia J	**0.022 kgm2**
Sound pressure / power LpfA | LWA	**68 | 80 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1502, p. 2/52 (PDF 170)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE0101 (IE2)

1LE0101-1DA23-4AB4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B3 | Article No. 1LE0101-1DA23-4AB4

GENERAL DATA

Series / efficiency class	**1LE0101 / IE2**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**96 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2935 rpm**
Rated torque	**35.8 Nm**
Rated current	**20.5 A**
Power factor	**0.86**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 90.1 | 89.3 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.2 | 2.9**
Moment of inertia J	**0.031 kgm2**

SOURCE OF DATA

Catalog 1	**Brochure 07/2014 (14050629), table 1LE0101, p. 23 (PDF 23)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE0101 (IE2)

1LE0101-1DA23-4FB4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B5 | Article No. 1LE0101-1DA23-4FB4

GENERAL DATA

Series / efficiency class	**1LE0101 / IE2**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**96 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2935 rpm**
Rated torque	**35.8 Nm**
Rated current	**20.5 A**
Power factor	**0.86**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 90.1 | 89.3 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.2 | 2.9**
Moment of inertia J	**0.031 kgm2**

SOURCE OF DATA

Catalog 1	**Brochure 07/2014 (14050629), table 1LE0101, p. 23 (PDF 23)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE0101 (IE2)

1LE0101-1DA23-4KB4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B14 | Article No. 1LE0101-1DA23-4KB4

GENERAL DATA

Series / efficiency class	**1LE0101 / IE2**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**96 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2935 rpm**
Rated torque	**35.8 Nm**
Rated current	**20.5 A**
Power factor	**0.86**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 90.1 | 89.3 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.2 | 2.9**
Moment of inertia J	**0.031 kgm2**

SOURCE OF DATA

Catalog 1	**Brochure 07/2014 (14050629), table 1LE0101, p. 23 (PDF 23)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE0101 (IE2)

1LE0101-1DA24-1AB4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B3 | Article No. 1LE0101-1DA24-1AB4

GENERAL DATA

Series / efficiency class	**1LE0101 / IE2**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**525 V D**
Net weight (IM B3)	**96 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2935 rpm**
Rated torque	**35.8 Nm**
Rated current	**15.6 A**
Power factor	**0.86**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 90.1 | 89.3 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.2 | 2.9**
Moment of inertia J	**0.031 kgm2**

SOURCE OF DATA

Catalog 1	**Brochure 07/2014 (14050629), table 1LE0101, p. 28 (PDF 28)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE0101 (IE2)

1LE0101-1DA24-1FB4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B5 | Article No. 1LE0101-1DA24-1FB4

GENERAL DATA

Series / efficiency class	**1LE0101 / IE2**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**525 V D**
Net weight (IM B3)	**96 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2935 rpm**
Rated torque	**35.8 Nm**
Rated current	**15.6 A**
Power factor	**0.86**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 90.1 | 89.3 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.2 | 2.9**
Moment of inertia J	**0.031 kgm2**

SOURCE OF DATA

Catalog 1	**Brochure 07/2014 (14050629), table 1LE0101, p. 28 (PDF 28)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE0101 (IE2)

1LE0101-1DA24-1KB4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B14 | Article No. 1LE0101-1DA24-1KB4

GENERAL DATA

Series / efficiency class	**1LE0101 / IE2**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**525 V D**
Net weight (IM B3)	**96 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2935 rpm**
Rated torque	**35.8 Nm**
Rated current	**15.6 A**
Power factor	**0.86**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 90.1 | 89.3 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.2 | 2.9**
Moment of inertia J	**0.031 kgm2**

SOURCE OF DATA

Catalog 1	**Brochure 07/2014 (14050629), table 1LE0101, p. 28 (PDF 28)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1501 (IE2)

1LE1501-1DA23-4AA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B3 | Article No. 1LE1501-1DA23-4AA4

GENERAL DATA

Series / efficiency class	**1LE1501 / IE2**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**96 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**36 Nm**
Rated current	**20.5 A**
Power factor	**0.87**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 89.3 | 88 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.4 | 2.1 | 3.2**
Moment of inertia J	**0.045 kgm2**
Sound pressure / power LpfA | LWA	**70 | 82 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1501, p. 2/32 (PDF 150)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1501 (IE2)

1LE1501-1DA23-4FA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B5 | Article No. 1LE1501-1DA23-4FA4

GENERAL DATA

Series / efficiency class	**1LE1501 / IE2**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**96 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**36 Nm**
Rated current	**20.5 A**
Power factor	**0.87**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 89.3 | 88 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.4 | 2.1 | 3.2**
Moment of inertia J	**0.045 kgm2**
Sound pressure / power LpfA | LWA	**70 | 82 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1501, p. 2/32 (PDF 150)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1501 (IE2)

1LE1501-1DA23-4KA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B14 | Article No. 1LE1501-1DA23-4KA4

GENERAL DATA

Series / efficiency class	**1LE1501 / IE2**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**96 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**36 Nm**
Rated current	**20.5 A**
Power factor	**0.87**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 89.3 | 88 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.4 | 2.1 | 3.2**
Moment of inertia J	**0.045 kgm2**
Sound pressure / power LpfA | LWA	**70 | 82 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1501, p. 2/32 (PDF 150)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1501 (IE2)

1LE1501-1CA63-4AA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B3 | Article No. 1LE1501-1CA63-4AA4

GENERAL DATA

Series / efficiency class	**1LE1501 / IE2**
Housing	**Cast iron**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**80 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2950 rpm**
Rated torque	**36 Nm**
Rated current	**20 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 90.1 | 89.9 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.9 | 2.3 | 3.2**
Moment of inertia J	**0.031 kgm2**
Sound pressure / power LpfA | LWA	**68 | 80 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1501, p. 2/40 (PDF 158)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1501 (IE2)

1LE1501-1CA63-4FA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B5 | Article No. 1LE1501-1CA63-4FA4

GENERAL DATA

Series / efficiency class	**1LE1501 / IE2**
Housing	**Cast iron**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**80 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2950 rpm**
Rated torque	**36 Nm**
Rated current	**20 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 90.1 | 89.9 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.9 | 2.3 | 3.2**
Moment of inertia J	**0.031 kgm2**
Sound pressure / power LpfA | LWA	**68 | 80 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1501, p. 2/40 (PDF 158)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1501 (IE2)

1LE1501-1CA63-4KA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B14 | Article No. 1LE1501-1CA63-4KA4

GENERAL DATA

Series / efficiency class	**1LE1501 / IE2**
Housing	**Cast iron**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**80 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2950 rpm**
Rated torque	**36 Nm**
Rated current	**20 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**89.4 | 90.1 | 89.9 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.9 | 2.3 | 3.2**
Moment of inertia J	**0.031 kgm2**
Sound pressure / power LpfA | LWA	**68 | 80 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1501, p. 2/40 (PDF 158)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1503 (IE3)

1LE1503-1DA23-4AA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B3 | Article No. 1LE1503-1DA23-4AA4

GENERAL DATA

Series / efficiency class	**1LE1503 / IE3**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**100 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**35.5 Nm**
Rated current	**19.6 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**91.2 | 91 | 89.5 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.9 | 2.4 | 3.8**
Moment of inertia J	**0.053 kgm2**
Sound pressure / power LpfA | LWA	**70 | 82 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1503, p. 2/17 (PDF 135)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1503 (IE3)

1LE1503-1DA23-4FA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B5 | Article No. 1LE1503-1DA23-4FA4

GENERAL DATA

Series / efficiency class	**1LE1503 / IE3**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**100 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**35.5 Nm**
Rated current	**19.6 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**91.2 | 91 | 89.5 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.9 | 2.4 | 3.8**
Moment of inertia J	**0.053 kgm2**
Sound pressure / power LpfA | LWA	**70 | 82 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1503, p. 2/17 (PDF 135)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1503 (IE3)

1LE1503-1CA63-4AA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B3 | Article No. 1LE1503-1CA63-4AA4

GENERAL DATA

Series / efficiency class	**1LE1503 / IE3**
Housing	**Cast iron**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**78 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2940 rpm**
Rated torque	**35.5 Nm**
Rated current	**19.6 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**91.2 | 92.1 | 92.3 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**9.8 | 2.8 | 4.1**
Moment of inertia J	**0.023 kgm2**
Sound pressure / power LpfA | LWA	**68 | 76 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (09/2023), table 1LE1503, p. 3/27**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1503 (IE3)

1LE1503-1CA63-4FA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B5 | Article No. 1LE1503-1CA63-4FA4

GENERAL DATA

Series / efficiency class	**1LE1503 / IE3**
Housing	**Cast iron**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**78 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2940 rpm**
Rated torque	**35.5 Nm**
Rated current	**19.6 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**91.2 | 92.1 | 92.3 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**9.8 | 2.8 | 4.1**
Moment of inertia J	**0.023 kgm2**
Sound pressure / power LpfA | LWA	**68 | 76 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (09/2023), table 1LE1503, p. 3/27**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1503 (IE3)

1LE1503-1CA63-4KA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B14 | Article No. 1LE1503-1CA63-4KA4

GENERAL DATA

Series / efficiency class	**1LE1503 / IE3**
Housing	**Cast iron**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**78 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2940 rpm**
Rated torque	**35.5 Nm**
Rated current	**19.6 A**
Power factor	**0.89**
Efficiency 4/4 | 3/4 | 2/4	**91.2 | 92.1 | 92.3 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**9.8 | 2.8 | 4.1**
Moment of inertia J	**0.023 kgm2**
Sound pressure / power LpfA | LWA	**68 | 76 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (09/2023), table 1LE1503, p. 3/27**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1543 (IE3)

1LE1543-1DA23-4AA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B3 | Article No. 1LE1543-1DA23-4AA4

GENERAL DATA

Series / efficiency class	**1LE1543 / IE3**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**100 kg**

ELECTRICAL DATA - CATALOG VALUES AT 60 HZ (APAC LINE)

Rated power (P50 rating)	**11 kW (about 15 HP)**
Rated power (P60 rating)	**12.6 kW**
Rated speed (60 Hz)	**3560 rpm**
Rated torque (60 Hz)	**30 Nm**
Rated current (460 V, 60 Hz)	**17.2 A**
Power factor (60 Hz)	**0.88**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**91 | 90.4 | 88.4 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**8.5 | 2.8 | 4.3**
Moment of inertia J	**0.053 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**77 | 89 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1543, p. 2/57 (PDF 175)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
APAC Line: the catalog lists operating values at 60 Hz only; 50 Hz speed/efficiency are not listed (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1543 (IE3)

1LE1543-1DA23-4FA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B5 | Article No. 1LE1543-1DA23-4FA4

GENERAL DATA

Series / efficiency class	**1LE1543 / IE3**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**100 kg**

ELECTRICAL DATA - CATALOG VALUES AT 60 HZ (APAC LINE)

Rated power (P50 rating)	**11 kW (about 15 HP)**
Rated power (P60 rating)	**12.6 kW**
Rated speed (60 Hz)	**3560 rpm**
Rated torque (60 Hz)	**30 Nm**
Rated current (460 V, 60 Hz)	**17.2 A**
Power factor (60 Hz)	**0.88**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**91 | 90.4 | 88.4 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**8.5 | 2.8 | 4.3**
Moment of inertia J	**0.053 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**77 | 89 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1543, p. 2/57 (PDF 175)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
APAC Line: the catalog lists operating values at 60 Hz only; 50 Hz speed/efficiency are not listed (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1543 (IE3)

1LE1543-1CA63-4AA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B3 | Article No. 1LE1543-1CA63-4AA4

GENERAL DATA

Series / efficiency class	**1LE1543 / IE3**
Housing	**Cast iron**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**78 kg**

ELECTRICAL DATA - CATALOG VALUES AT 60 HZ (APAC LINE)

Rated power (P50 rating)	**11 kW (about 15 HP)**
Rated power (P60 rating)	**12.6 kW**
Rated speed (60 Hz)	**3550 rpm**
Rated torque (60 Hz)	**29.5 Nm**
Rated current (460 V, 60 Hz)	**17.2 A**
Power factor (60 Hz)	**0.88**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**91 | 91.3 | 90.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**11.7 | 3.2 | 4.9**
Moment of inertia J	**0.023 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**73 | 81 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (09/2023), table 1LE1543, p. 3/71**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
APAC Line: the catalog lists operating values at 60 Hz only; 50 Hz speed/efficiency are not listed (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1543 (IE3)

1LE1543-1CA63-4FA4

11 kW / 3000 rpm

Frame 132 M | 2 poles | IM B5 | Article No. 1LE1543-1CA63-4FA4

GENERAL DATA

Series / efficiency class	**1LE1543 / IE3**
Housing	**Cast iron**
Frame size	**132 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**78 kg**

ELECTRICAL DATA - CATALOG VALUES AT 60 HZ (APAC LINE)

Rated power (P50 rating)	**11 kW (about 15 HP)**
Rated power (P60 rating)	**12.6 kW**
Rated speed (60 Hz)	**3550 rpm**
Rated torque (60 Hz)	**29.5 Nm**
Rated current (460 V, 60 Hz)	**17.2 A**
Power factor (60 Hz)	**0.88**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**91 | 91.3 | 90.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**11.7 | 3.2 | 4.9**
Moment of inertia J	**0.023 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**73 | 81 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (09/2023), table 1LE1543, p. 3/71**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
APAC Line: the catalog lists operating values at 60 Hz only; 50 Hz speed/efficiency are not listed (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1504 (IE4)

1LE1504-1DA23-4AA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B3 | Article No. 1LE1504-1DA23-4AA4

GENERAL DATA

Series / efficiency class	**1LE1504 / IE4**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**113 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**36 Nm**
Rated current	**19.1 A**
Power factor	**0.9**
Efficiency 4/4 | 3/4 | 2/4	**92.6 | 92.8 | 92 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**8.6 | 2.8 | 4.2**
Moment of inertia J	**0.061 kgm2**
Sound pressure / power LpfA | LWA	**74 | 87 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1504, p. 2/9 (PDF 127)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1504 (IE4)

1LE1504-1DA23-4FA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B5 | Article No. 1LE1504-1DA23-4FA4

GENERAL DATA

Series / efficiency class	**1LE1504 / IE4**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**113 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**36 Nm**
Rated current	**19.1 A**
Power factor	**0.9**
Efficiency 4/4 | 3/4 | 2/4	**92.6 | 92.8 | 92 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**8.6 | 2.8 | 4.2**
Moment of inertia J	**0.061 kgm2**
Sound pressure / power LpfA | LWA	**74 | 87 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1504, p. 2/9 (PDF 127)**

محور نیرو
Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LE1504 (IE4)

1LE1504-1DA23-4KA4

11 kW / 3000 rpm

Frame 160 M | 2 poles | IM B14 | Article No. 1LE1504-1DA23-4KA4

GENERAL DATA

Series / efficiency class	**1LE1504 / IE4**
Housing	**Cast iron**
Frame size	**160 M**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**400 D / 690 Y V (50 Hz)**
Net weight (IM B3)	**113 kg**

ELECTRICAL DATA

Rated power 50 Hz	**11 kW (about 15 HP)**
Rated power 60 Hz	**12.6 kW**
Rated speed (50 Hz)	**2955 rpm**
Rated torque	**36 Nm**
Rated current	**19.1 A**
Power factor	**0.9**
Efficiency 4/4 | 3/4 | 2/4	**92.6 | 92.8 | 92 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**8.6 | 2.8 | 4.2**
Moment of inertia J	**0.061 kgm2**
Sound pressure / power LpfA | LWA	**74 | 87 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1504, p. 2/9 (PDF 127)**

Tel: 0935 186 4634
info@mehvarniro.com | mehvarniro.com
محور نیرو

Compiled from manufacturer catalog data for reference. NOT an official Siemens document - verify against the current Siemens data sheet before ordering.
60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).