Data sheets - Siemens SIMOTICS GP motors

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Data sheet

SIMOTICS GP low-voltage motor - series 1LA7096 (IE1)

1LA7096-2AA11

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B5 | Article No. 1LA7096-2AA11

GENERAL DATA

Series / efficiency class	**1LA7096 / IE1**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y (50 Hz), 460 Y (60 Hz)**
Net weight (IM B3)	**15.7 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2880 rpm**
Rated torque	**7.3 Nm**
Rated current	**4.7 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**79.7 | 79.7 | 78.7 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**6.3 | 2.8 | 3.1**
Moment of inertia J	**0.0018 kgm2**

SOURCE OF DATA

Catalog 1	**Brochure 07/2014 (14050629), table 1LA7096, p. 18 (PDF 18)**

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60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

SIMOTICS GP low-voltage motor - series 1LA7096 (IE1)

1LA7096-2AA12

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B14 | Article No. 1LA7096-2AA12

GENERAL DATA

Series / efficiency class	**1LA7096 / IE1**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y (50 Hz), 460 Y (60 Hz)**
Net weight (IM B3)	**15.7 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2880 rpm**
Rated torque	**7.3 Nm**
Rated current	**4.7 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**79.7 | 79.7 | 78.7 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**6.3 | 2.8 | 3.1**
Moment of inertia J	**0.0018 kgm2**

SOURCE OF DATA

Catalog 1	**Brochure 07/2014 (14050629), table 1LA7096, p. 18 (PDF 18)**

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Data sheet

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

1LE1002-0EA42-2AA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B3 | Article No. 1LE1002-0EA42-2AA4

GENERAL DATA

Series / efficiency class	**1LE1002 / IE1**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**14 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2855 rpm**
Rated torque	**7.4 Nm**
Rated current	**4.7 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**79.7 | 80.9 | 81.3 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**6.5 | 2.8 | 3.2**
Moment of inertia J	**0.0018 kgm2**
Sound pressure / power LpfA | LWA	**71 | 78 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1002, p. 2/44 (PDF 162)**

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Data sheet

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

1LE1002-0EA42-2FA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B5 | Article No. 1LE1002-0EA42-2FA4

GENERAL DATA

Series / efficiency class	**1LE1002 / IE1**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**14 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2855 rpm**
Rated torque	**7.4 Nm**
Rated current	**4.7 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**79.7 | 80.9 | 81.3 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**6.5 | 2.8 | 3.2**
Moment of inertia J	**0.0018 kgm2**
Sound pressure / power LpfA | LWA	**71 | 78 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1002, p. 2/44 (PDF 162)**

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Data sheet

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

1LE1002-0EA42-2KA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B14 | Article No. 1LE1002-0EA42-2KA4

GENERAL DATA

Series / efficiency class	**1LE1002 / IE1**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**14 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2855 rpm**
Rated torque	**7.4 Nm**
Rated current	**4.7 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**79.7 | 80.9 | 81.3 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**6.5 | 2.8 | 3.2**
Moment of inertia J	**0.0018 kgm2**
Sound pressure / power LpfA | LWA	**71 | 78 dB(A)**

SOURCE OF DATA

Catalog 1	**Catalog D 81.1 (05/2018), table 1LE1002, p. 2/44 (PDF 162)**

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Data sheet

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

1LE1001-0EA42-2AA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B3 | Article No. 1LE1001-0EA42-2AA4

GENERAL DATA

Series / efficiency class	**1LE1001 / IE2**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**15 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2890 rpm**
Rated torque	**7.3 Nm**
Rated current	**4.5 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**83.2 | 83.7 | 82 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.1 | 2.5 | 3.7**
Moment of inertia J	**0.0021 kgm2**
Sound pressure / power LpfA | LWA	**65 | 77 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)**

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Data sheet

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

1LE1001-0EA42-2FA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B5 | Article No. 1LE1001-0EA42-2FA4

GENERAL DATA

Series / efficiency class	**1LE1001 / IE2**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**15 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2890 rpm**
Rated torque	**7.3 Nm**
Rated current	**4.5 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**83.2 | 83.7 | 82 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.1 | 2.5 | 3.7**
Moment of inertia J	**0.0021 kgm2**
Sound pressure / power LpfA | LWA	**65 | 77 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)**

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Data sheet

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

1LE1001-0EA42-2KA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B14 | Article No. 1LE1001-0EA42-2KA4

GENERAL DATA

Series / efficiency class	**1LE1001 / IE2**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**15 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2890 rpm**
Rated torque	**7.3 Nm**
Rated current	**4.5 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**83.2 | 83.7 | 82 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.1 | 2.5 | 3.7**
Moment of inertia J	**0.0021 kgm2**
Sound pressure / power LpfA | LWA	**65 | 77 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)**

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60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

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

1LE1041-0EA42-2FA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B5 | Article No. 1LE1041-0EA42-2FA4

GENERAL DATA

Series / efficiency class	**1LE1041 / IE2**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**15 kg**

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

Rated power (P50 rating)	**2.2 kW (about 3 HP)**
Rated power (P60 rating)	**2.55 kW**
Rated speed (60 Hz)	**3510 rpm**
Rated torque (60 Hz)	**6 Nm**
Rated current (460 V, 60 Hz)	**3.9 A**
Power factor (60 Hz)	**0.83**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**85.5 | 85.2 | 82.6 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**8.7 | 3 | 4.6**
Moment of inertia J	**0.0021 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**69 | 81 dB(A)**

SOURCE OF DATA

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

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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)

1LE1041-0EA42-2KA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B14 | Article No. 1LE1041-0EA42-2KA4

GENERAL DATA

Series / efficiency class	**1LE1041 / IE2**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**15 kg**

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

Rated power (P50 rating)	**2.2 kW (about 3 HP)**
Rated power (P60 rating)	**2.55 kW**
Rated speed (60 Hz)	**3510 rpm**
Rated torque (60 Hz)	**6 Nm**
Rated current (460 V, 60 Hz)	**3.9 A**
Power factor (60 Hz)	**0.83**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**85.5 | 85.2 | 82.6 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**8.7 | 3 | 4.6**
Moment of inertia J	**0.0021 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**69 | 81 dB(A)**

SOURCE OF DATA

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

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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)

1LE1003-0EA42-2AA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B3 | Article No. 1LE1003-0EA42-2AA4

GENERAL DATA

Series / efficiency class	**1LE1003 / IE3**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**19 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2910 rpm**
Rated torque	**7.2 Nm**
Rated current	**4.2 A**
Power factor	**0.88**
Efficiency 4/4 | 3/4 | 2/4	**85.9 | 86.8 | 86.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**8.3 | 2.6 | 4**
Moment of inertia J	**0.0031 kgm2**
Sound pressure / power LpfA | LWA	**65 | 77 dB(A)**

SOURCE OF DATA

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

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60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

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

1LE1003-0EA42-2FA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B5 | Article No. 1LE1003-0EA42-2FA4

GENERAL DATA

Series / efficiency class	**1LE1003 / IE3**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**19 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2910 rpm**
Rated torque	**7.2 Nm**
Rated current	**4.2 A**
Power factor	**0.88**
Efficiency 4/4 | 3/4 | 2/4	**85.9 | 86.8 | 86.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**8.3 | 2.6 | 4**
Moment of inertia J	**0.0031 kgm2**
Sound pressure / power LpfA | LWA	**65 | 77 dB(A)**

SOURCE OF DATA

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

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60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

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

1LE1003-0EA42-2KA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B14 | Article No. 1LE1003-0EA42-2KA4

GENERAL DATA

Series / efficiency class	**1LE1003 / IE3**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**19 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2910 rpm**
Rated torque	**7.2 Nm**
Rated current	**4.2 A**
Power factor	**0.88**
Efficiency 4/4 | 3/4 | 2/4	**85.9 | 86.8 | 86.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**8.3 | 2.6 | 4**
Moment of inertia J	**0.0031 kgm2**
Sound pressure / power LpfA | LWA	**65 | 77 dB(A)**

SOURCE OF DATA

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

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60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

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

1LE1043-0EA42-2AA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B3 | Article No. 1LE1043-0EA42-2AA4

GENERAL DATA

Series / efficiency class	**1LE1043 / IE3**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**19 kg**

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

Rated power (P50 rating)	**2.2 kW (about 3 HP)**
Rated power (P60 rating)	**2.55 kW**
Rated speed (60 Hz)	**3530 rpm**
Rated torque (60 Hz)	**6 Nm**
Rated current (460 V, 60 Hz)	**3.65 A**
Power factor (60 Hz)	**0.87**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**86.5 | 86.4 | 84.5 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**9.6 | 3 | 4.9**
Moment of inertia J	**0.0031 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**69 | 81 dB(A)**

SOURCE OF DATA

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

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Data sheet

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

1LE1043-0EA42-2FA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B5 | Article No. 1LE1043-0EA42-2FA4

GENERAL DATA

Series / efficiency class	**1LE1043 / IE3**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**19 kg**

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

Rated power (P50 rating)	**2.2 kW (about 3 HP)**
Rated power (P60 rating)	**2.55 kW**
Rated speed (60 Hz)	**3530 rpm**
Rated torque (60 Hz)	**6 Nm**
Rated current (460 V, 60 Hz)	**3.65 A**
Power factor (60 Hz)	**0.87**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**86.5 | 86.4 | 84.5 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**9.6 | 3 | 4.9**
Moment of inertia J	**0.0031 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**69 | 81 dB(A)**

SOURCE OF DATA

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

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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)

1LE1043-0EA42-2KA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B14 | Article No. 1LE1043-0EA42-2KA4

GENERAL DATA

Series / efficiency class	**1LE1043 / IE3**
Housing	**Aluminum**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**19 kg**

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

Rated power (P50 rating)	**2.2 kW (about 3 HP)**
Rated power (P60 rating)	**2.55 kW**
Rated speed (60 Hz)	**3530 rpm**
Rated torque (60 Hz)	**6 Nm**
Rated current (460 V, 60 Hz)	**3.65 A**
Power factor (60 Hz)	**0.87**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**86.5 | 86.4 | 84.5 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**9.6 | 3 | 4.9**
Moment of inertia J	**0.0031 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**69 | 81 dB(A)**

SOURCE OF DATA

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

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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 1LE0102 (IE1)

1LE0102-0EA42-2AA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B3 | Article No. 1LE0102-0EA42-2AA4

GENERAL DATA

Series / efficiency class	**1LE0102 / IE1**
Housing	**Cast iron**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**26 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2885 rpm**
Rated torque	**7.3 Nm**
Rated current	**4.5 A**
Power factor	**0.87**
Efficiency 4/4 | 3/4 | 2/4	**79.7 | 80.5 | 78.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.7 | 3.4**
Moment of inertia J	**0.0022 kgm2**

SOURCE OF DATA

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

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60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

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

1LE0102-0EA42-2FA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B5 | Article No. 1LE0102-0EA42-2FA4

GENERAL DATA

Series / efficiency class	**1LE0102 / IE1**
Housing	**Cast iron**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**26 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2885 rpm**
Rated torque	**7.3 Nm**
Rated current	**4.5 A**
Power factor	**0.87**
Efficiency 4/4 | 3/4 | 2/4	**79.7 | 80.5 | 78.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.7 | 3.4**
Moment of inertia J	**0.0022 kgm2**

SOURCE OF DATA

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

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60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

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

1LE0102-0EA42-2KA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B14 | Article No. 1LE0102-0EA42-2KA4

GENERAL DATA

Series / efficiency class	**1LE0102 / IE1**
Housing	**Cast iron**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**26 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2885 rpm**
Rated torque	**7.3 Nm**
Rated current	**4.5 A**
Power factor	**0.87**
Efficiency 4/4 | 3/4 | 2/4	**79.7 | 80.5 | 78.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.7 | 3.4**
Moment of inertia J	**0.0022 kgm2**

SOURCE OF DATA

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

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Data sheet

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

1LE0102-0EA44-1AA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B3 | Article No. 1LE0102-0EA44-1AA4

GENERAL DATA

Series / efficiency class	**1LE0102 / IE1**
Housing	**Cast iron**
Frame size	**90 L**
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)	**26 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2885 rpm**
Rated torque	**7.3 Nm**
Rated current	**3.5 A**
Power factor	**0.87**
Efficiency 4/4 | 3/4 | 2/4	**79.7 | 80.5 | 78.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.7 | 3.4**
Moment of inertia J	**0.0022 kgm2**

SOURCE OF DATA

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

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60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

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

1LE0102-0EA44-1FA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B5 | Article No. 1LE0102-0EA44-1FA4

GENERAL DATA

Series / efficiency class	**1LE0102 / IE1**
Housing	**Cast iron**
Frame size	**90 L**
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)	**26 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2885 rpm**
Rated torque	**7.3 Nm**
Rated current	**3.5 A**
Power factor	**0.87**
Efficiency 4/4 | 3/4 | 2/4	**79.7 | 80.5 | 78.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.7 | 3.4**
Moment of inertia J	**0.0022 kgm2**

SOURCE OF DATA

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

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60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

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

1LE0102-0EA44-1KA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B14 | Article No. 1LE0102-0EA44-1KA4

GENERAL DATA

Series / efficiency class	**1LE0102 / IE1**
Housing	**Cast iron**
Frame size	**90 L**
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)	**26 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2885 rpm**
Rated torque	**7.3 Nm**
Rated current	**3.5 A**
Power factor	**0.87**
Efficiency 4/4 | 3/4 | 2/4	**79.7 | 80.5 | 78.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.5 | 2.7 | 3.4**
Moment of inertia J	**0.0022 kgm2**

SOURCE OF DATA

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

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Data sheet

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

1LE0101-0EA42-2AA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B3 | Article No. 1LE0101-0EA42-2AA4

GENERAL DATA

Series / efficiency class	**1LE0101 / IE2**
Housing	**Cast iron**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**26 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2890 rpm**
Rated torque	**7.3 Nm**
Rated current	**4.55 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**83.2 | 83.7 | 80.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.2 | 2.6 | 3.5**
Moment of inertia J	**0.0026 kgm2**

SOURCE OF DATA

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

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Data sheet

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

1LE0101-0EA42-2FA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B5 | Article No. 1LE0101-0EA42-2FA4

GENERAL DATA

Series / efficiency class	**1LE0101 / IE2**
Housing	**Cast iron**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**26 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2890 rpm**
Rated torque	**7.3 Nm**
Rated current	**4.55 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**83.2 | 83.7 | 80.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.2 | 2.6 | 3.5**
Moment of inertia J	**0.0026 kgm2**

SOURCE OF DATA

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

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Data sheet

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

1LE0101-0EA42-2KA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B14 | Article No. 1LE0101-0EA42-2KA4

GENERAL DATA

Series / efficiency class	**1LE0101 / IE2**
Housing	**Cast iron**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**26 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2890 rpm**
Rated torque	**7.3 Nm**
Rated current	**4.55 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**83.2 | 83.7 | 80.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.2 | 2.6 | 3.5**
Moment of inertia J	**0.0026 kgm2**

SOURCE OF DATA

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

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Data sheet

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

1LE0101-0EA44-1AA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B3 | Article No. 1LE0101-0EA44-1AA4

GENERAL DATA

Series / efficiency class	**1LE0101 / IE2**
Housing	**Cast iron**
Frame size	**90 L**
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)	**26 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2890 rpm**
Rated torque	**7.3 Nm**
Rated current	**3.45 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**83.2 | 83.7 | 80.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.2 | 2.6 | 3.5**
Moment of inertia J	**0.0026 kgm2**

SOURCE OF DATA

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

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60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

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

1LE0101-0EA44-1FA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B5 | Article No. 1LE0101-0EA44-1FA4

GENERAL DATA

Series / efficiency class	**1LE0101 / IE2**
Housing	**Cast iron**
Frame size	**90 L**
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)	**26 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2890 rpm**
Rated torque	**7.3 Nm**
Rated current	**3.45 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**83.2 | 83.7 | 80.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.2 | 2.6 | 3.5**
Moment of inertia J	**0.0026 kgm2**

SOURCE OF DATA

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

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60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

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

1LE0101-0EA44-1KA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B14 | Article No. 1LE0101-0EA44-1KA4

GENERAL DATA

Series / efficiency class	**1LE0101 / IE2**
Housing	**Cast iron**
Frame size	**90 L**
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)	**26 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2890 rpm**
Rated torque	**7.3 Nm**
Rated current	**3.45 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**83.2 | 83.7 | 80.8 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.2 | 2.6 | 3.5**
Moment of inertia J	**0.0026 kgm2**

SOURCE OF DATA

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

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60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

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

1LE1501-0EA42-2AA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B3 | Article No. 1LE1501-0EA42-2AA4

GENERAL DATA

Series / efficiency class	**1LE1501 / IE2**
Housing	**Cast iron**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**25 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2890 rpm**
Rated torque	**7.3 Nm**
Rated current	**4.5 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**83.2 | 83.7 | 82 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.1 | 2.5 | 3.7**
Moment of inertia J	**0.0021 kgm2**
Sound pressure / power LpfA | LWA	**65 | 77 dB(A)**

SOURCE OF DATA

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

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60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

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

1LE1501-0EA42-2FA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B5 | Article No. 1LE1501-0EA42-2FA4

GENERAL DATA

Series / efficiency class	**1LE1501 / IE2**
Housing	**Cast iron**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**25 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2890 rpm**
Rated torque	**7.3 Nm**
Rated current	**4.5 A**
Power factor	**0.85**
Efficiency 4/4 | 3/4 | 2/4	**83.2 | 83.7 | 82 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**7.1 | 2.5 | 3.7**
Moment of inertia J	**0.0021 kgm2**
Sound pressure / power LpfA | LWA	**65 | 77 dB(A)**

SOURCE OF DATA

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

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60 Hz speed/efficiency are not listed in the catalogs (see Siemens DT Configurator).

Data sheet

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

1LE1503-0EA42-2AA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B3 | Article No. 1LE1503-0EA42-2AA4

GENERAL DATA

Series / efficiency class	**1LE1503 / IE3**
Housing	**Cast iron**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**32 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2910 rpm**
Rated torque	**7.2 Nm**
Rated current	**4.2 A**
Power factor	**0.88**
Efficiency 4/4 | 3/4 | 2/4	**85.9 | 86.8 | 86.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**8.3 | 2.6 | 4**
Moment of inertia J	**0.0031 kgm2**
Sound pressure / power LpfA | LWA	**65 | 77 dB(A)**

SOURCE OF DATA

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

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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)

1LE1503-0EA42-2FA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B5 | Article No. 1LE1503-0EA42-2FA4

GENERAL DATA

Series / efficiency class	**1LE1503 / IE3**
Housing	**Cast iron**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**32 kg**

ELECTRICAL DATA

Rated power 50 Hz	**2.2 kW (about 3 HP)**
Rated power 60 Hz	**2.55 kW**
Rated speed (50 Hz)	**2910 rpm**
Rated torque	**7.2 Nm**
Rated current	**4.2 A**
Power factor	**0.88**
Efficiency 4/4 | 3/4 | 2/4	**85.9 | 86.8 | 86.1 %**
I_LR/I_N | T_LR/T_N | T_B/T_N	**8.3 | 2.6 | 4**
Moment of inertia J	**0.0031 kgm2**
Sound pressure / power LpfA | LWA	**65 | 77 dB(A)**

SOURCE OF DATA

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

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Data sheet

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

1LE1543-0EA42-2AA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B3 | Article No. 1LE1543-0EA42-2AA4

GENERAL DATA

Series / efficiency class	**1LE1543 / IE3**
Housing	**Cast iron**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**32 kg**

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

Rated power (P50 rating)	**2.2 kW (about 3 HP)**
Rated power (P60 rating)	**2.55 kW**
Rated speed (60 Hz)	**3530 rpm**
Rated torque (60 Hz)	**6 Nm**
Rated current (460 V, 60 Hz)	**3.65 A**
Power factor (60 Hz)	**0.87**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**86.5 | 86.4 | 84.5 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**9.6 | 3 | 4.9**
Moment of inertia J	**0.0031 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**69 | 81 dB(A)**

SOURCE OF DATA

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

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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)

1LE1543-0EA42-2FA4

2.2 kW / 3000 rpm

Frame 90 L | 2 poles | IM B5 | Article No. 1LE1543-0EA42-2FA4

GENERAL DATA

Series / efficiency class	**1LE1543 / IE3**
Housing	**Cast iron**
Frame size	**90 L**
Poles	**2**
Degree of protection	**IP55**
Duty type	**S1**
Insulation	**Thermal class 155 (F), utilized to 130 (B)**
Voltage	**230 D / 400 Y V (50 Hz)**
Net weight (IM B3)	**32 kg**

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

Rated power (P50 rating)	**2.2 kW (about 3 HP)**
Rated power (P60 rating)	**2.55 kW**
Rated speed (60 Hz)	**3530 rpm**
Rated torque (60 Hz)	**6 Nm**
Rated current (460 V, 60 Hz)	**3.65 A**
Power factor (60 Hz)	**0.87**
Efficiency 4/4 | 3/4 | 2/4 (60 Hz)	**86.5 | 86.4 | 84.5 %**
I_LR/I_N | T_LR/T_N | T_B/T_N (60 Hz)	**9.6 | 3 | 4.9**
Moment of inertia J	**0.0031 kgm2**
Sound pressure / power LpfA | LWA (60 Hz)	**69 | 81 dB(A)**

SOURCE OF DATA

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

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