# Data sheets - Siemens SIMOTICS GP motors

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# Data sheet

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

**1LE1002-1CB23-4KA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B14 | Article No. 1LE1002-1CB23-4KA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1002 / IE1** |
| Housing | **Aluminum** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **44 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1450 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **15.2 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **86 \| 86.9 \| 86.3 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.6 \| 2.6 \| 3.1** |
| Moment of inertia J | **0.024 kgm2** |
| Sound pressure / power LpfA \| LWA | **64 \| 76 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (05/2018), table 1LE1002, p. 2/45 (PDF 163)** |
| Catalog 2 | **Brochure 07/2014 (14050629), 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 1LE1001 (IE2)

**1LE1001-1CB23-4AA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B3 | Article No. 1LE1001-1CB23-4AA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1001 / IE2** |
| Housing | **Aluminum** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **49 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1465 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **14.7 A** |
| Power factor | **0.83** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **88.7 \| 89.8 \| 89.8 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.9 \| 2.3 \| 2.9** |
| Moment of inertia J | **0.034 kgm2** |
| Sound pressure / power LpfA \| LWA | **64 \| 76 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (05/2018), table 1LE1001, p. 2/27 (PDF 145)** |
| Catalog 2 | **Brochure 07/2014 (14050629), p. 19 (PDF 19)** |

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# Data sheet

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

**1LE1001-1CB23-4FA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE1001-1CB23-4FA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1001 / IE2** |
| Housing | **Aluminum** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **49 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1465 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **14.7 A** |
| Power factor | **0.83** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **88.7 \| 89.8 \| 89.8 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.9 \| 2.3 \| 2.9** |
| Moment of inertia J | **0.034 kgm2** |
| Sound pressure / power LpfA \| LWA | **64 \| 76 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (05/2018), table 1LE1001, p. 2/27 (PDF 145)** |
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# Data sheet

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

**1LE1001-1CB23-4KA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B14 | Article No. 1LE1001-1CB23-4KA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1001 / IE2** |
| Housing | **Aluminum** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **49 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1465 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **14.7 A** |
| Power factor | **0.83** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **88.7 \| 89.8 \| 89.8 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.9 \| 2.3 \| 2.9** |
| Moment of inertia J | **0.034 kgm2** |
| Sound pressure / power LpfA \| LWA | **64 \| 76 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (05/2018), table 1LE1001, p. 2/27 (PDF 145)** |
| Catalog 2 | **Brochure 07/2014 (14050629), p. 19 (PDF 19)** |

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# Data sheet

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

**1LE1003-1CB23-4AA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B3 | Article No. 1LE1003-1CB23-4AA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1003 / IE3** |
| Housing | **Aluminum** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **61 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1465 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **15 A** |
| Power factor | **0.8** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **90.4 \| 90.7 \| 90.4 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **8.5 \| 3 \| 3.8** |
| Moment of inertia J | **0.0334 kgm2** |
| Sound pressure / power LpfA \| LWA | **72 \| 80 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (09/2023), table 1LE1003, p. 3/14** |

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# Data sheet

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

**1LE1003-1CB23-4FA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE1003-1CB23-4FA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1003 / IE3** |
| Housing | **Aluminum** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **61 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1465 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **15 A** |
| Power factor | **0.8** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **90.4 \| 90.7 \| 90.4 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **8.5 \| 3 \| 3.8** |
| Moment of inertia J | **0.0334 kgm2** |
| Sound pressure / power LpfA \| LWA | **72 \| 80 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
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# Data sheet

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

**1LE1003-1CB23-4KA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B14 | Article No. 1LE1003-1CB23-4KA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1003 / IE3** |
| Housing | **Aluminum** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **61 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1465 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **15 A** |
| Power factor | **0.8** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **90.4 \| 90.7 \| 90.4 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **8.5 \| 3 \| 3.8** |
| Moment of inertia J | **0.0334 kgm2** |
| Sound pressure / power LpfA \| LWA | **72 \| 80 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (09/2023), table 1LE1003, p. 3/14** |

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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)

**1LE1041-1CB23-4FA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE1041-1CB23-4FA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1041 / IE2** |
| Housing | **Aluminum** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **49 kg** |

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

| | |
|---|---|
| Rated power (P50 rating) | **7.5 kW (about 10 HP)** |
| Rated power (P60 rating) | **8.6 kW** |
| Rated speed (60 Hz) | **1770 rpm** |
| Rated torque (60 Hz) | **40 Nm** |
| Rated current (460 V, 60 Hz) | **12.8 A** |
| Power factor (60 Hz) | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 (60 Hz) | **89.5 \| 90 \| 89.3 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N (60 Hz) | **8 \| 2.7 \| 3.4** |
| Moment of inertia J | **0.034 kgm2** |
| Sound pressure / power LpfA \| LWA (60 Hz) | **68 \| 80 dB(A)** |

## SOURCE OF DATA

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

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# Data sheet

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

**1LE1041-1CB23-4KA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B14 | Article No. 1LE1041-1CB23-4KA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1041 / IE2** |
| Housing | **Aluminum** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **49 kg** |

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

| | |
|---|---|
| Rated power (P50 rating) | **7.5 kW (about 10 HP)** |
| Rated power (P60 rating) | **8.6 kW** |
| Rated speed (60 Hz) | **1770 rpm** |
| Rated torque (60 Hz) | **40 Nm** |
| Rated current (460 V, 60 Hz) | **12.8 A** |
| Power factor (60 Hz) | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 (60 Hz) | **89.5 \| 90 \| 89.3 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N (60 Hz) | **8 \| 2.7 \| 3.4** |
| Moment of inertia J | **0.034 kgm2** |
| Sound pressure / power LpfA \| LWA (60 Hz) | **68 \| 80 dB(A)** |

## SOURCE OF DATA

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

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# Data sheet

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

**1LE1043-1CB23-4AA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B3 | Article No. 1LE1043-1CB23-4AA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1043 / IE3** |
| Housing | **Aluminum** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **64 kg** |

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

| | |
|---|---|
| Rated power (P50 rating) | **7.5 kW (about 10 HP)** |
| Rated power (P60 rating) | **8.6 kW** |
| Rated speed (60 Hz) | **1770 rpm** |
| Rated torque (60 Hz) | **40 Nm** |
| Rated current (460 V, 60 Hz) | **12.4 A** |
| Power factor (60 Hz) | **0.83** |
| Efficiency 4/4 \| 3/4 \| 2/4 (60 Hz) | **91.7 \| 91.8 \| 91 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N (60 Hz) | **9.6 \| 2.7 \| 4.2** |
| Moment of inertia J | **0.046 kgm2** |
| Sound pressure / power LpfA \| LWA (60 Hz) | **68 \| 80 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)

**1LE1043-1CB23-4FA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE1043-1CB23-4FA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1043 / IE3** |
| Housing | **Aluminum** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **64 kg** |

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

| | |
|---|---|
| Rated power (P50 rating) | **7.5 kW (about 10 HP)** |
| Rated power (P60 rating) | **8.6 kW** |
| Rated speed (60 Hz) | **1770 rpm** |
| Rated torque (60 Hz) | **40 Nm** |
| Rated current (460 V, 60 Hz) | **12.4 A** |
| Power factor (60 Hz) | **0.83** |
| Efficiency 4/4 \| 3/4 \| 2/4 (60 Hz) | **91.7 \| 91.8 \| 91 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N (60 Hz) | **9.6 \| 2.7 \| 4.2** |
| Moment of inertia J | **0.046 kgm2** |
| Sound pressure / power LpfA \| LWA (60 Hz) | **68 \| 80 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)

**1LE1043-1CB23-4KA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B14 | Article No. 1LE1043-1CB23-4KA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1043 / IE3** |
| Housing | **Aluminum** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **64 kg** |

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

| | |
|---|---|
| Rated power (P50 rating) | **7.5 kW (about 10 HP)** |
| Rated power (P60 rating) | **8.6 kW** |
| Rated speed (60 Hz) | **1770 rpm** |
| Rated torque (60 Hz) | **40 Nm** |
| Rated current (460 V, 60 Hz) | **12.4 A** |
| Power factor (60 Hz) | **0.83** |
| Efficiency 4/4 \| 3/4 \| 2/4 (60 Hz) | **91.7 \| 91.8 \| 91 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N (60 Hz) | **9.6 \| 2.7 \| 4.2** |
| Moment of inertia J | **0.046 kgm2** |
| Sound pressure / power LpfA \| LWA (60 Hz) | **68 \| 80 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 1LE1004 (IE4)

**1LE1004-1CB23-4AA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B3 | Article No. 1LE1004-1CB23-4AA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1004 / IE4** |
| Housing | **Aluminum** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **62 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1470 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **14.4 A** |
| Power factor | **0.81** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **92.6 \| 93.1 \| 92.7 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **7.7 \| 3 \| 4** |
| Moment of inertia J | **0.046 kgm2** |
| Sound pressure / power LpfA \| LWA | **56 \| 68 dB(A)** |

## SOURCE OF DATA

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

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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 1LE1004 (IE4)

**1LE1004-1CB23-4FA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE1004-1CB23-4FA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1004 / IE4** |
| Housing | **Aluminum** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **62 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1470 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **14.4 A** |
| Power factor | **0.81** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **92.6 \| 93.1 \| 92.7 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **7.7 \| 3 \| 4** |
| Moment of inertia J | **0.046 kgm2** |
| Sound pressure / power LpfA \| LWA | **56 \| 68 dB(A)** |

## SOURCE OF DATA

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

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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 1LE1004 (IE4)

**1LE1004-1CB23-4KA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B14 | Article No. 1LE1004-1CB23-4KA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1004 / IE4** |
| Housing | **Aluminum** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **62 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1470 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **14.4 A** |
| Power factor | **0.81** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **92.6 \| 93.1 \| 92.7 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **7.7 \| 3 \| 4** |
| Moment of inertia J | **0.046 kgm2** |
| Sound pressure / power LpfA \| LWA | **56 \| 68 dB(A)** |

## SOURCE OF DATA

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

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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)

**1LE0102-1CB22-2AA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B3 | Article No. 1LE0102-1CB22-2AA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0102 / IE1** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **70 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1435 rpm** |
| Rated torque | **50 Nm** |
| Rated current | **15.4 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **86 \| 87.2 \| 87.2 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.4 \| 2.3 \| 3.1** |
| Moment of inertia J | **0.025 kgm2** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Brochure 07/2014 (14050629), table 1LE0102, p. 21 (PDF 21)** |

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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)

**1LE0102-1CB22-2FA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE0102-1CB22-2FA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0102 / IE1** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **70 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1435 rpm** |
| Rated torque | **50 Nm** |
| Rated current | **15.4 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **86 \| 87.2 \| 87.2 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.4 \| 2.3 \| 3.1** |
| Moment of inertia J | **0.025 kgm2** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Brochure 07/2014 (14050629), table 1LE0102, p. 21 (PDF 21)** |

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# Data sheet

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

**1LE0102-1CB22-2KA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B14 | Article No. 1LE0102-1CB22-2KA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0102 / IE1** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **70 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1435 rpm** |
| Rated torque | **50 Nm** |
| Rated current | **15.4 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **86 \| 87.2 \| 87.2 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.4 \| 2.3 \| 3.1** |
| Moment of inertia J | **0.025 kgm2** |

## SOURCE OF DATA

| | |
|---|---|
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# Data sheet

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

**1LE0102-1CB23-4AA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B3 | Article No. 1LE0102-1CB23-4AA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0102 / IE1** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **70 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1435 rpm** |
| Rated torque | **50 Nm** |
| Rated current | **15.4 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **86 \| 87.2 \| 87.2 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.4 \| 2.3 \| 3.1** |
| Moment of inertia J | **0.025 kgm2** |

## SOURCE OF DATA

| | |
|---|---|
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# Data sheet

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

**1LE0102-1CB23-4FA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE0102-1CB23-4FA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0102 / IE1** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **70 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1435 rpm** |
| Rated torque | **50 Nm** |
| Rated current | **15.4 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **86 \| 87.2 \| 87.2 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.4 \| 2.3 \| 3.1** |
| Moment of inertia J | **0.025 kgm2** |

## SOURCE OF DATA

| | |
|---|---|
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# Data sheet

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

**1LE0102-1CB23-4KA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B14 | Article No. 1LE0102-1CB23-4KA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0102 / IE1** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **70 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1435 rpm** |
| Rated torque | **50 Nm** |
| Rated current | **15.4 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **86 \| 87.2 \| 87.2 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.4 \| 2.3 \| 3.1** |
| Moment of inertia J | **0.025 kgm2** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Brochure 07/2014 (14050629), table 1LE0102, p. 21 (PDF 21)** |

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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)

**1LE0102-1CB24-1AA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B3 | Article No. 1LE0102-1CB24-1AA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0102 / IE1** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| Degree of protection | **IP55** |
| Duty type | **S1** |
| Insulation | **Thermal class 155 (F), utilized to 130 (B)** |
| Voltage | **525 V D** |
| Net weight (IM B3) | **70 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1435 rpm** |
| Rated torque | **50 Nm** |
| Rated current | **11.7 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **86 \| 87.2 \| 87.2 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.4 \| 2.3 \| 3.1** |
| Moment of inertia J | **0.025 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)

**1LE0102-1CB24-1FA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE0102-1CB24-1FA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0102 / IE1** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| Degree of protection | **IP55** |
| Duty type | **S1** |
| Insulation | **Thermal class 155 (F), utilized to 130 (B)** |
| Voltage | **525 V D** |
| Net weight (IM B3) | **70 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1435 rpm** |
| Rated torque | **50 Nm** |
| Rated current | **11.7 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **86 \| 87.2 \| 87.2 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.4 \| 2.3 \| 3.1** |
| Moment of inertia J | **0.025 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)

**1LE0102-1CB24-1KA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B14 | Article No. 1LE0102-1CB24-1KA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0102 / IE1** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| Degree of protection | **IP55** |
| Duty type | **S1** |
| Insulation | **Thermal class 155 (F), utilized to 130 (B)** |
| Voltage | **525 V D** |
| Net weight (IM B3) | **70 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1435 rpm** |
| Rated torque | **50 Nm** |
| Rated current | **11.7 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **86 \| 87.2 \| 87.2 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.4 \| 2.3 \| 3.1** |
| Moment of inertia J | **0.025 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 1LE1502 (IE1)

**1LE1502-1CB23-4AA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B3 | Article No. 1LE1502-1CB23-4AA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1502 / IE1** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **59 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1450 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **15.4 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **86 \| 86.5 \| 85.4 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.6 \| 2.6 \| 3.1** |
| Moment of inertia J | **0.024 kgm2** |
| Sound pressure / power LpfA \| LWA | **64 \| 76 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (05/2018), table 1LE1502, p. 2/49 (PDF 167)** |

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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 1LE1502 (IE1)

**1LE1502-1CB23-4FA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE1502-1CB23-4FA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1502 / IE1** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **59 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1450 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **15.4 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **86 \| 86.5 \| 85.4 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.6 \| 2.6 \| 3.1** |
| Moment of inertia J | **0.024 kgm2** |
| Sound pressure / power LpfA \| LWA | **64 \| 76 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (05/2018), table 1LE1502, p. 2/49 (PDF 167)** |

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# Data sheet

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

**1LE1502-1CB23-4KA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B14 | Article No. 1LE1502-1CB23-4KA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1502 / IE1** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **59 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1450 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **15.4 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **86 \| 86.5 \| 85.4 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.6 \| 2.6 \| 3.1** |
| Moment of inertia J | **0.024 kgm2** |
| Sound pressure / power LpfA \| LWA | **64 \| 76 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (05/2018), table 1LE1502, p. 2/49 (PDF 167)** |

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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)

**1LE0101-1CB22-2AB4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B3 | Article No. 1LE0101-1CB22-2AB4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0101 / IE2** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **73 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1460 rpm** |
| Rated torque | **49.1 Nm** |
| Rated current | **14.9 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **88.7 \| 89.4 \| 88.8 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **7.7 \| 2.7 \| 3.2** |
| Moment of inertia J | **0.029 kgm2** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Brochure 07/2014 (14050629), table 1LE0101, p. 24 (PDF 24)** |

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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)

**1LE0101-1CB22-2FB4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE0101-1CB22-2FB4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0101 / IE2** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **73 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1460 rpm** |
| Rated torque | **49.1 Nm** |
| Rated current | **14.9 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **88.7 \| 89.4 \| 88.8 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **7.7 \| 2.7 \| 3.2** |
| Moment of inertia J | **0.029 kgm2** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Brochure 07/2014 (14050629), table 1LE0101, p. 24 (PDF 24)** |

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# Data sheet

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

**1LE0101-1CB22-2KB4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B14 | Article No. 1LE0101-1CB22-2KB4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0101 / IE2** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **73 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1460 rpm** |
| Rated torque | **49.1 Nm** |
| Rated current | **14.9 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **88.7 \| 89.4 \| 88.8 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **7.7 \| 2.7 \| 3.2** |
| Moment of inertia J | **0.029 kgm2** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Brochure 07/2014 (14050629), table 1LE0101, p. 24 (PDF 24)** |

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# Data sheet

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

**1LE0101-1CB23-4AB4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B3 | Article No. 1LE0101-1CB23-4AB4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0101 / IE2** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **73 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1460 rpm** |
| Rated torque | **49.1 Nm** |
| Rated current | **14.915 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **88.7 \| 89.4 \| 88.8 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **7.7 \| 2.7 \| 3.2** |
| Moment of inertia J | **0.029 kgm2** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Brochure 07/2014 (14050629), table 1LE0101, p. 24 (PDF 24)** |

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# Data sheet

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

**1LE0101-1CB23-4FB4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE0101-1CB23-4FB4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0101 / IE2** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **73 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1460 rpm** |
| Rated torque | **49.1 Nm** |
| Rated current | **14.915 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **88.7 \| 89.4 \| 88.8 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **7.7 \| 2.7 \| 3.2** |
| Moment of inertia J | **0.029 kgm2** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Brochure 07/2014 (14050629), table 1LE0101, p. 24 (PDF 24)** |

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# Data sheet

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

**1LE0101-1CB23-4KB4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B14 | Article No. 1LE0101-1CB23-4KB4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0101 / IE2** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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) | **73 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1460 rpm** |
| Rated torque | **49.1 Nm** |
| Rated current | **14.915 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **88.7 \| 89.4 \| 88.8 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **7.7 \| 2.7 \| 3.2** |
| Moment of inertia J | **0.029 kgm2** |

## SOURCE OF DATA

| | |
|---|---|
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# Data sheet

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

**1LE0101-1CB24-1AB4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B3 | Article No. 1LE0101-1CB24-1AB4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0101 / IE2** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| Degree of protection | **IP55** |
| Duty type | **S1** |
| Insulation | **Thermal class 155 (F), utilized to 130 (B)** |
| Voltage | **525 V D** |
| Net weight (IM B3) | **73 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1460 rpm** |
| Rated torque | **49.1 Nm** |
| Rated current | **11.4 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **88.7 \| 89.4 \| 88.8 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **7.7 \| 2.7 \| 3.2** |
| Moment of inertia J | **0.029 kgm2** |

## SOURCE OF DATA

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

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# Data sheet

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

**1LE0101-1CB24-1FB4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE0101-1CB24-1FB4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0101 / IE2** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| Degree of protection | **IP55** |
| Duty type | **S1** |
| Insulation | **Thermal class 155 (F), utilized to 130 (B)** |
| Voltage | **525 V D** |
| Net weight (IM B3) | **73 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1460 rpm** |
| Rated torque | **49.1 Nm** |
| Rated current | **11.4 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **88.7 \| 89.4 \| 88.8 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **7.7 \| 2.7 \| 3.2** |
| Moment of inertia J | **0.029 kgm2** |

## SOURCE OF DATA

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

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# Data sheet

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

**1LE0101-1CB24-1KB4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B14 | Article No. 1LE0101-1CB24-1KB4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE0101 / IE2** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| Degree of protection | **IP55** |
| Duty type | **S1** |
| Insulation | **Thermal class 155 (F), utilized to 130 (B)** |
| Voltage | **525 V D** |
| Net weight (IM B3) | **73 kg** |

## ELECTRICAL DATA

| | |
|---|---|
| Rated power 50 Hz | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1460 rpm** |
| Rated torque | **49.1 Nm** |
| Rated current | **11.4 A** |
| Power factor | **0.82** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **88.7 \| 89.4 \| 88.8 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **7.7 \| 2.7 \| 3.2** |
| Moment of inertia J | **0.029 kgm2** |

## SOURCE OF DATA

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

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# Data sheet

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

**1LE1501-1CB23-4AA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B3 | Article No. 1LE1501-1CB23-4AA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1501 / IE2** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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 | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1465 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **14.7 A** |
| Power factor | **0.83** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **88.7 \| 89.8 \| 89.8 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.9 \| 2.3 \| 2.9** |
| Moment of inertia J | **0.034 kgm2** |
| Sound pressure / power LpfA \| LWA | **64 \| 76 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (05/2018), table 1LE1501, p. 2/33 (PDF 151)** |

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# Data sheet

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

**1LE1501-1CB23-4FA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE1501-1CB23-4FA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1501 / IE2** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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 | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1465 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **14.7 A** |
| Power factor | **0.83** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **88.7 \| 89.8 \| 89.8 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.9 \| 2.3 \| 2.9** |
| Moment of inertia J | **0.034 kgm2** |
| Sound pressure / power LpfA \| LWA | **64 \| 76 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (05/2018), table 1LE1501, p. 2/33 (PDF 151)** |

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# Data sheet

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

**1LE1501-1CB23-4KA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B14 | Article No. 1LE1501-1CB23-4KA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1501 / IE2** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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 | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1465 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **14.7 A** |
| Power factor | **0.83** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **88.7 \| 89.8 \| 89.8 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **6.9 \| 2.3 \| 2.9** |
| Moment of inertia J | **0.034 kgm2** |
| Sound pressure / power LpfA \| LWA | **64 \| 76 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (05/2018), table 1LE1501, p. 2/33 (PDF 151)** |

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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)

**1LE1503-1CB23-4AA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B3 | Article No. 1LE1503-1CB23-4AA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1503 / IE3** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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 | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1465 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **15 A** |
| Power factor | **0.8** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **90.4 \| 90.7 \| 90.4 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **8.5 \| 3 \| 3.8** |
| Moment of inertia J | **0.0334 kgm2** |
| Sound pressure / power LpfA \| LWA | **72 \| 80 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (09/2023), table 1LE1503, p. 3/20** |

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# Data sheet

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

**1LE1503-1CB23-4FA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE1503-1CB23-4FA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1503 / IE3** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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 | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1465 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **15 A** |
| Power factor | **0.8** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **90.4 \| 90.7 \| 90.4 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **8.5 \| 3 \| 3.8** |
| Moment of inertia J | **0.0334 kgm2** |
| Sound pressure / power LpfA \| LWA | **72 \| 80 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (09/2023), table 1LE1503, p. 3/20** |

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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 1LE1543 (IE3)

**1LE1543-1CB23-4AA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B3 | Article No. 1LE1543-1CB23-4AA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1543 / IE3** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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 - CATALOG VALUES AT 60 HZ (APAC LINE)

| | |
|---|---|
| Rated power (P50 rating) | **7.5 kW (about 10 HP)** |
| Rated power (P60 rating) | **8.6 kW** |
| Rated speed (60 Hz) | **1770 rpm** |
| Rated torque (60 Hz) | **40 Nm** |
| Rated current (460 V, 60 Hz) | **12.4 A** |
| Power factor (60 Hz) | **0.83** |
| Efficiency 4/4 \| 3/4 \| 2/4 (60 Hz) | **91.7 \| 91.8 \| 91 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N (60 Hz) | **9.6 \| 2.7 \| 4.2** |
| Moment of inertia J | **0.046 kgm2** |
| Sound pressure / power LpfA \| LWA (60 Hz) | **68 \| 80 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (05/2018), table 1LE1543, p. 2/58 (PDF 176)** |

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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)

**1LE1543-1CB23-4FA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE1543-1CB23-4FA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1543 / IE3** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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 - CATALOG VALUES AT 60 HZ (APAC LINE)

| | |
|---|---|
| Rated power (P50 rating) | **7.5 kW (about 10 HP)** |
| Rated power (P60 rating) | **8.6 kW** |
| Rated speed (60 Hz) | **1770 rpm** |
| Rated torque (60 Hz) | **40 Nm** |
| Rated current (460 V, 60 Hz) | **12.4 A** |
| Power factor (60 Hz) | **0.83** |
| Efficiency 4/4 \| 3/4 \| 2/4 (60 Hz) | **91.7 \| 91.8 \| 91 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N (60 Hz) | **9.6 \| 2.7 \| 4.2** |
| Moment of inertia J | **0.046 kgm2** |
| Sound pressure / power LpfA \| LWA (60 Hz) | **68 \| 80 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (05/2018), table 1LE1543, p. 2/58 (PDF 176)** |

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# Data sheet

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

**1LE1504-1CB23-4AA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B3 | Article No. 1LE1504-1CB23-4AA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1504 / IE4** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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 | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1470 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **14.4 A** |
| Power factor | **0.81** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **92.6 \| 93.1 \| 92.7 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **7.7 \| 3 \| 4** |
| Moment of inertia J | **0.046 kgm2** |
| Sound pressure / power LpfA \| LWA | **56 \| 68 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (05/2018), table 1LE1504, p. 2/10 (PDF 128)** |

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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 1LE1504 (IE4)

**1LE1504-1CB23-4FA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B5 | Article No. 1LE1504-1CB23-4FA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1504 / IE4** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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 | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1470 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **14.4 A** |
| Power factor | **0.81** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **92.6 \| 93.1 \| 92.7 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **7.7 \| 3 \| 4** |
| Moment of inertia J | **0.046 kgm2** |
| Sound pressure / power LpfA \| LWA | **56 \| 68 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (05/2018), table 1LE1504, p. 2/10 (PDF 128)** |

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# Data sheet

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

**1LE1504-1CB23-4KA4**

# 7.5 kW / 1500 rpm

Frame 132 M | 4 poles | IM B14 | Article No. 1LE1504-1CB23-4KA4

## GENERAL DATA

| | |
|---|---|
| Series / efficiency class | **1LE1504 / IE4** |
| Housing | **Cast iron** |
| Frame size | **132 M** |
| Poles | **4** |
| 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 | **7.5 kW (about 10 HP)** |
| Rated power 60 Hz | **8.6 kW** |
| Rated speed (50 Hz) | **1470 rpm** |
| Rated torque | **49 Nm** |
| Rated current | **14.4 A** |
| Power factor | **0.81** |
| Efficiency 4/4 \| 3/4 \| 2/4 | **92.6 \| 93.1 \| 92.7 %** |
| I_LR/I_N \| T_LR/T_N \| T_B/T_N | **7.7 \| 3 \| 4** |
| Moment of inertia J | **0.046 kgm2** |
| Sound pressure / power LpfA \| LWA | **56 \| 68 dB(A)** |

## SOURCE OF DATA

| | |
|---|---|
| Catalog 1 | **Catalog D 81.1 (05/2018), table 1LE1504, p. 2/10 (PDF 128)** |

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