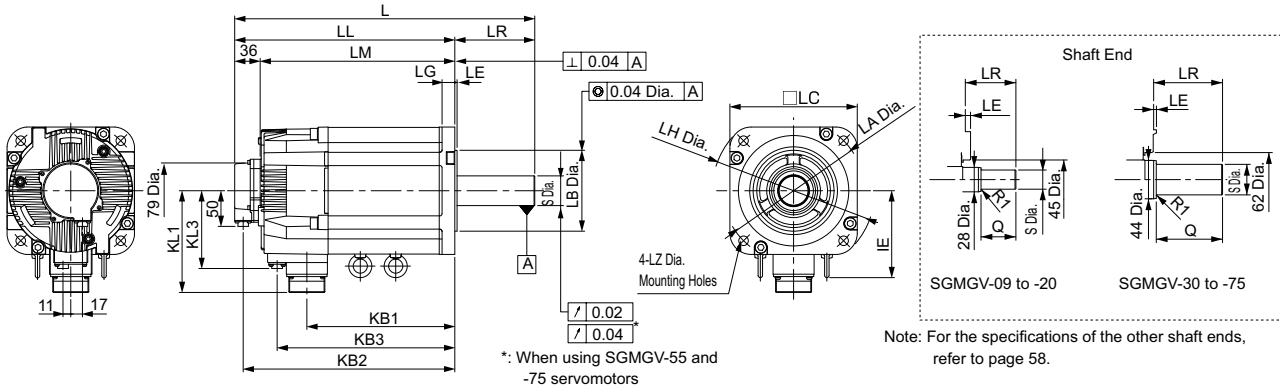


External Dimensions Units: mm

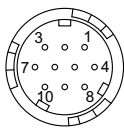
(2) 850 W to 7.5 kW



| Model SGMGV- | L | LL | LM | LR | KB1 | KB2 | KB3 | IE | KL1 | KL3 | Flange Face Dimensions | | | | | | Shaft End Dimensions | | Approx. Mass kg | |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------------|--------------------------------------|-----|-----|----|-----|----------------------|-----------------------------------|-----------------|------|
| | | | | | | | | | | | LA | LB | LC | LE | LG | LH | LZ | S | | Q |
| 09□□A2□ | 231 | 173 | 137 | 58 | 83 | 161 | 115 | - | 104 | 80 | 145 | 110 ⁰ _{-0.035} | 130 | 6 | 12 | 165 | 9 | 19 ⁰ _{-0.013} | 40 | 7.5 |
| 13□□A2□ | 247 | 189 | 153 | 58 | 99 | 177 | 131 | - | 104 | 80 | 145 | 110 ⁰ _{-0.035} | 130 | 6 | 12 | 165 | 9 | 22 ⁰ _{-0.013} | 40 | 9.0 |
| 20□□A2□ | 265 | 207 | 171 | 58 | 117 | 195 | 149 | - | 104 | 80 | 145 | 110 ⁰ _{-0.035} | 130 | 6 | 12 | 165 | 9 | 24 ⁰ _{-0.013} | 40 | 11.0 |
| 30□□A2□ | 287 | 208 | 172 | 79 | 108 | 196 | 148 | - | 134 | 110 | 200 | 114.3 ⁰ _{-0.025} | 180 | 3.2 | 18 | 230 | 13.5 | 35 ^{+0.01} ₀ | 76 | 19.5 |
| 44□□A2□ | 311 | 232 | 196 | 79 | 132 | 220 | 172 | - | 134 | 110 | 200 | 114.3 ⁰ _{-0.025} | 180 | 3.2 | 18 | 230 | 13.5 | 35 ^{+0.01} ₀ | 76 | 23.5 |
| 55□□A2□ | 378 | 265 | 229 | 113 | 163 | 253 | 205 | 123 | 144 | 110 | 200 | 114.3 ⁰ _{-0.025} | 180 | 3.2 | 18 | 230 | 13.5 | 42 ⁰ _{-0.016} | 110 | 27.5 |
| 75□□A2□ | 424 | 311 | 275 | 113 | 209 | 299 | 251 | 123 | 144 | 110 | 200 | 114.3 ⁰ _{-0.025} | 180 | 3.2 | 18 | 230 | 13.5 | 42 ⁰ _{-0.016} | 110 | 35 |

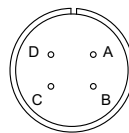
Note: Models with oil seals are of the same configuration.

· Cable Specifications for Encoder-end Connector (20-bit Encoder)



Receptacle: CM10-R10P-D
 Applicable plug (To be provided by the customer)
 Plug: CM10-AP10S-□-D (Angle)
 CM10-SP10S-□-D (Straight)
 (Boxes (□) indicate a value that varies, depending on cable size.)
 Manufacturer: DDK Ltd.

· Cable Specifications for Servomotor-end Connector



| | |
|---|-------------------|
| A | Phase U |
| B | Phase V |
| C | Phase W |
| D | FG (Frame ground) |

Manufacturer: DDK Ltd.

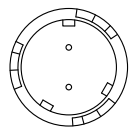
With an Absolute Encoder

| | | | |
|---|---------|----|-------------------|
| 1 | PS | 6 | BAT (+) |
| 2 | /PS | 7 | - |
| 3 | - | 8 | - |
| 4 | PG 5V | 9 | PG 0V |
| 5 | BAT (-) | 10 | FG (Frame ground) |

With an Incremental Encoder

| | | | |
|---|-------|----|-------------------|
| 1 | PS | 6 | - |
| 2 | /PS | 7 | - |
| 3 | - | 8 | - |
| 4 | PG 5V | 9 | PG 0V |
| 5 | - | 10 | FG (Frame ground) |

· Cable Specifications for Brake-end Connector



Receptacle: CM10-R2P-D
 Applicable plug (To be provided by the customer)
 Plug: CM10-AP2S-□-D (Angle)
 CM10-SP2S-□-D (Straight)
 (Boxes (□) indicate a value that varies, depending on cable size.)
 Manufacturer: DDK Ltd.

| |
|----------------|
| Brake terminal |
| Brake terminal |

Note: No polarity for connection to the brake terminals