

Clutch Brake (01)

TYPE 55

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SG Transmission

SG Transmission clutch brake modules are used whenever the prime mover is required to run continuously, and the output of the driving device requires a controlled “stop and start” action. This allows an electric motor to run while controlling its output via a clutch brake module. This will reduce the power consumption of the system considerably.

These modules are precision engineered with positive clutch and brake action with no backlash. They can be controlled by relatively simple solid state electronics to give accurate stopping and starting with frequencies over 300 cycles per minute.

Benefits

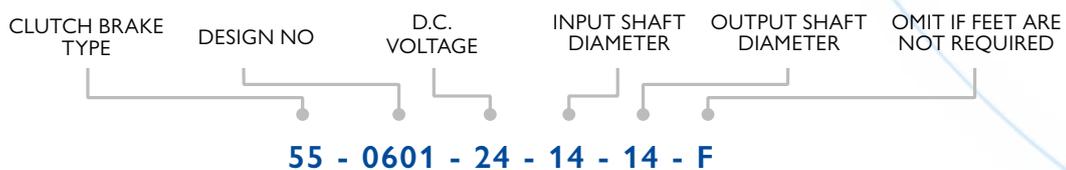
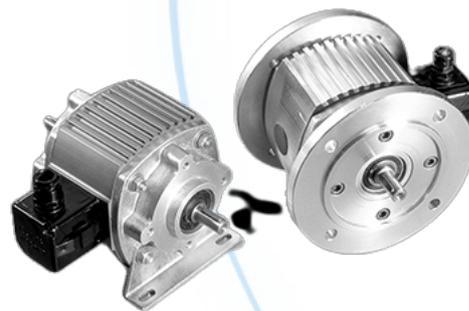
- Simple fit to IEC motors and gearboxes
- Easy installation
- Zero-backlash
- Good heat dissipation
- High cycle times

Features

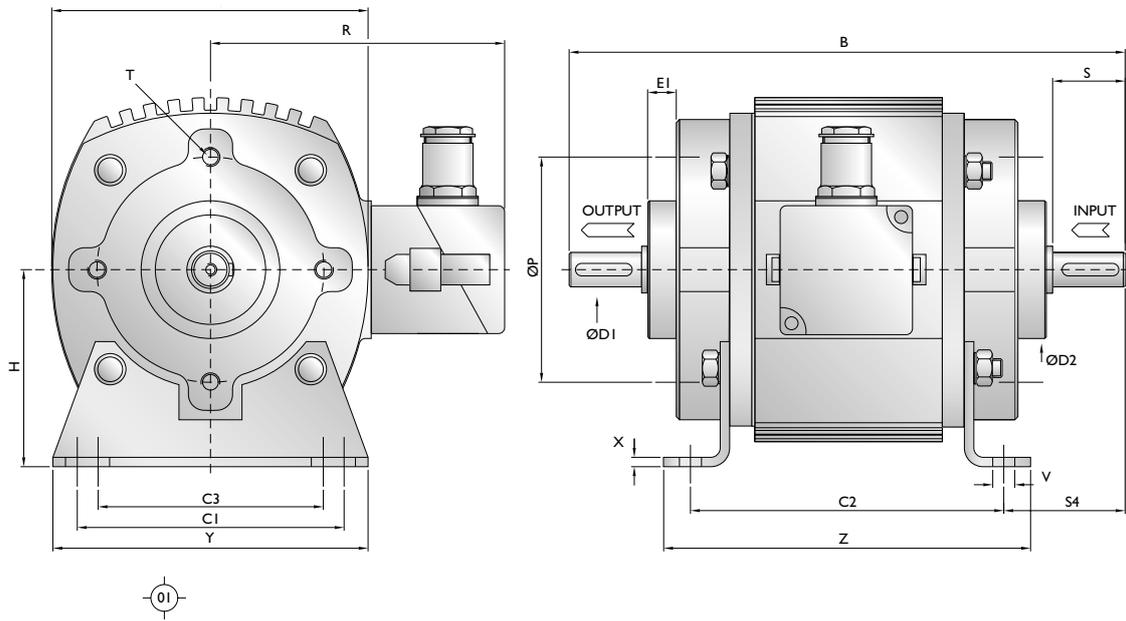
- Insulation Class B
- Keyways to B.S. 4235
- Shaft centre holes to DIN 332
- Optional voltage

Key applications

- Military
- Medical
- Material Handling
- Security
- Energy



Technical data



| Size | Torque TS (Nm) | Max P20 (w) | A3 | B | C1 | C2 | C3 | D1 K6 | D2 H8 | E1 | H | P | R | S | S4 | T | V | X | Y | Z | Air gap "G" | Design No. |
|------|----------------|-------------|-------|------------|-----|-----|-------|----------|-------|----|------------|-----|-------|----------|---------------|-------|------|---|-----|-----|-------------|------------|
| 06 | 8 | 13 | 102 | 177 191 | 85 | 100 | 71 | 11 14 | 44 | 9 | 95 110 | 72 | 94.5 | 23 30 | 38.5 45.5 | 4xM6 | 7 | 3 | 100 | 117 | 0.20 | 0601 |
| 08 | 16 | 21 | 128 | 209 229 | 110 | 115 | 105 | 14 19 | 50 | 10 | 110 130 | 90 | 107.5 | 30 40 | 47 57 | 4xM8 | 9 | 3 | 130 | 135 | 0.20 | 0801 |
| 10 | 32 | 31 | 153.8 | 254 274 | 142 | 135 | 128 | 19 24 | 62 | 12 | 130 | 112 | 120.4 | 40 50 | 49.5 69.5 | 4xM8 | 9 | 3 | 160 | 156 | 0.20 | 1001 |
| 12 | 65 | 34 | 193.5 | 301 321 | 160 | 155 | 150 | 24 28 | 74 | 14 | 130 180 | 137 | 136 | 50 60 | 73 83 | 4xM10 | 11 | 5 | 185 | 178 | 0.30 | 1201 |
| 16 | 120 | 45 | 250 | 351 391 | 195 | 170 | 169.6 | 28 38 | 100 | 16 | 180 230 | 130 | 168.5 | 60 80 | 90.5 110.5 | 6xM10 | 12.7 | 5 | 224 | 200 | 0.30 | 1601 |
| 20 | 240 | 68 | 268 | 395 435 | 235 | 185 | 225 | 28 38 | 120 | 16 | 180 230 | 215 | 177.5 | 60 80 | 106 126 | 6xM10 | 15 | 5 | 260 | 216 | 0.50 | 2001 |