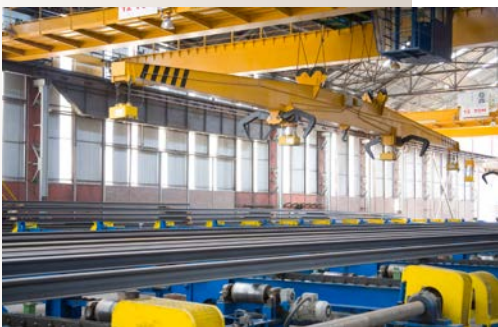


I N T R O D U C I N G

ERD/ERDD VAR03

Spring-Operated Brake / Electromagnetic Release

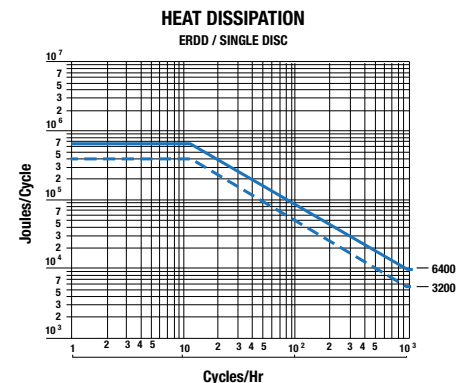
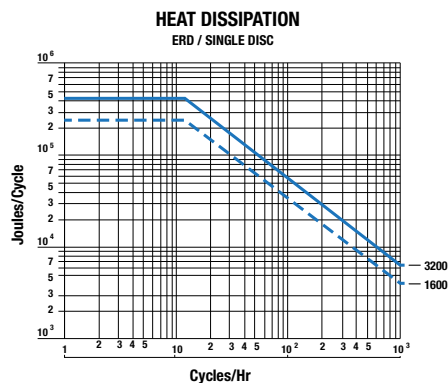


ERD (Single Disc)

- Activated by spring pressure
- Electrically released under 103.5VDC
- Single disc
- For dry use only
- Duty cycle 100%ED
- No residual torque in disengaged position
- Horizontal or Vertical mount
- Low response time
- Encoder mounting holes
- Airgap should be adjusted at installation
- Wear compensation possible after dynamic use
- Mounting flange
- Torque adjustment
- Transport screws (to remove after installation)
- Power supply : CBC140-5
- Service manual : SM300

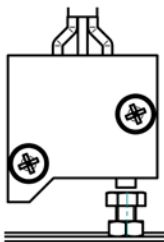
ERDD (Dual Disc)

- Activated by spring pressure
- Electrically released under 103.5VDC
- Dual discs
- For dry use only
- Duty cycle 100%ED
- No residual torque in disengaged position
- Horizontal mount only
- Low response time
- Encoder mounting holes
- Airgap should be adjusted at installation
- Wear compensation possible after dynamic use
- Mounting flange
- Torque adjustment
- Transport screws (to remove after installation)
- Power supply : CBC140-5
- Service manual : SM300





Microswitch Option:



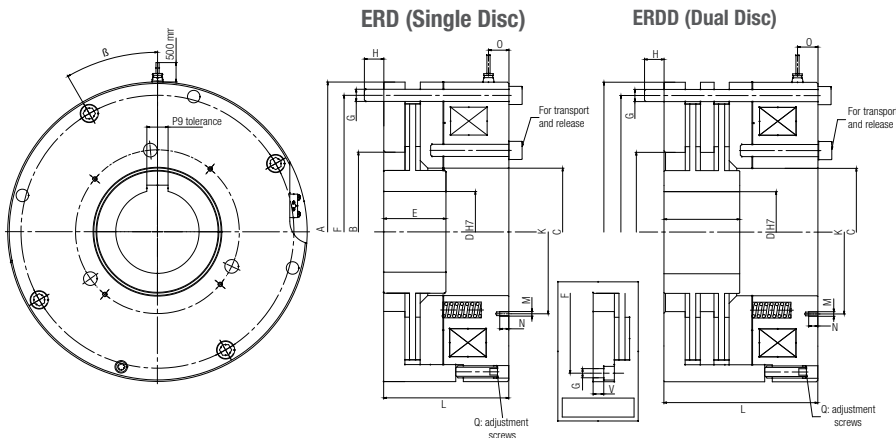
Standard Keyways according to
DIN6885-1 / tolerance P9



Connector Option:

2 poles, capacity 0.5 to 2.5 mm²
(delivered without cable)

ERD / ERDD VAR03 Spring-Operated Brake / Electromagnetic Release



| | Single Disc Horizontal or Vertical Axis | | Dual Disc Horizontal Axis Only | |
|------------------------------|--|---------|-----------------------------------|---------|
| | 1600 | 3200 | 3200 | 6400 |
| Size | 1600 | 3200 | 3200 | 6400 |
| Nominal Torque (Nm) | 1600 | 3200 | 3200 | 6400 |
| Max Speed (rpm) | 2300 | 1800 | 2300 | 1800 |
| Voltage (VDC) | 103.5 | 103.5 | 103.5 | 103.5 |
| Power (Watt) | 327 | 408 | 327 | 408 |
| A (mm) | 395 | 500 | 395 | 500 |
| B (mm) | 210 | 260 | 210 | 260 |
| C (mm) | 168 | 210 | 168 | 210 |
| D pre-bored (mm) | 50 | 60 | 50 | 60 |
| D max (mm) | 110 | 125 | 110 | 125 |
| E (mm) | 100 | 125 | 100 | 125 |
| F (mm) | 360 | 455 | 360 | 455 |
| G (mm) | 4 x M16 | 8 x M20 | 4 x M16 | 8 x M20 |
| H min | 30 | 40 | 30 | 40 |
| K (mm) | 216 | 250 | 216 | 250 |
| L (mm) | 165 | 205 | 203 | 268 |
| M (mm) | 4 x M6 | 4 x M6 | 4 x M6 | 4 x M6 |
| N (mm) | 12 | 12 | 12 | 12 |
| O (mm) | 27 | 36 | 27 | 36 |
| Q (mm) | 4 x M16 | 4 x M20 | 4 x M16 | 4 x M20 |
| V (mm) | - | 40 | - | 40 |
| Beta (°) | 60° | 22°30' | 60° | 22°30' |
| Inertia (Kg·m ²) | 0.0997 | 0.513 | 0.125 | 0.954 |
| Weight (Kg) | 120 | 229 | 133 | 292 |
| Devices / Options: | | | | |
| Dust Cover | Kit | Kit | Kit | Kit |
| Release Detection | Kit | Kit | Kit | Kit |
| Connector | Kit | Kit | Kit | Kit |

Options delivered as a kit, are available on request and can be added by customer.