

Accessories

Motor earthing unit

EEx ME 12



Features

- For operation in potentially explosive environments, characteristic "II 2G Ex d IIC T4/5 Gb (gas)"
- EG design test certificate TÜV NORD CERT No. TÜV 02 ATEX 1920 X
- Leakage of parasitical shaft currents
- Hollow shaft $\varnothing 20$ to $\varnothing 42$ mm

Part number

EEx ME 12 Motor earthing unit

Description

The motor earthing unit leakage parasitical shaft currents to avoid ball bearings damaging.

Technical data

| | |
|-------------------------|--|
| Current load | ≤ 1 A ≤ 12 A (short-term) |
| Operating speed | ≤ 8500 rpm |
| Operating temperature | $-60 \dots +50$ °C (T5) $-60 \dots +60$ °C (T4) |
| Shaft loading | ≤ 150 N axial ≤ 200 N radial |
| Rotor moment of inertia | 3.7 kgcm ² |
| Operating torque | ≤ 15 Ncm |
| Explosion protection | II 2G Ex d IIC T4/T5 Gb (gas) |
| Weight approx. | 3.5 kg |
| Protection DIN EN 60529 | IP 56 |
| Shaft | $\varnothing 20 \dots 42$ mm hollow shaft |
| Material | Housing: aluminium |
| Resistance | DIN EN 60068-2-6 Vibration 10 g, 50-2000 Hz DIN EN 60068-2-27 Shock 100 g, 6 ms |

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Dimensions

