

Overview

- Ex-approved by ATEX II 2 G Ex db IIC T4 Gb (gas)
- IEC Ex db IIC T4 Gb (gas)
- EG design test certificate TÜV NORD CERT No. **TÜV 02 ATEX 1920 X IECEX TUN 11.0036X**
- Leakage of parasitical shaft currents
- Hollow shaft $\varnothing 20 \dots 42$ mm
- Ceramic bearings for higher speeds



Technical data

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Current load	≤ 1 A ≤ 12 A (short-term)
Operating speed	≤ 9500 rpm
Ambient temperature	$-55 \dots +60$ °C
Admitted shaft load	≤ 150 N axial ≤ 200 N radial
Rotor moment of inertia	3.7 kgcm ²
Operating torque	≤ 15 Ncm
Protection EN 60529	IP 56
Explosion protection	II 2 G Ex db IIC T4 Gb Ex db IIC T4 Gb

Technical data

Weight approx.	3.5 kg
Shaft type	$\varnothing 20 \dots 42$ mm (through hollow shaft)
Material	Housing: aluminium
Resistance	IEC 60068-2-6 Vibration 10 g, 50-2000 Hz IEC 60068-2-27 Shock 100 g, 6 ms
Approval	CE ATEX IECEX

Description

The motor earthing unit is discharging parasitical shaft currents to avoid damage of the ball bearings.

Dimensions

