

CM-AMB-400



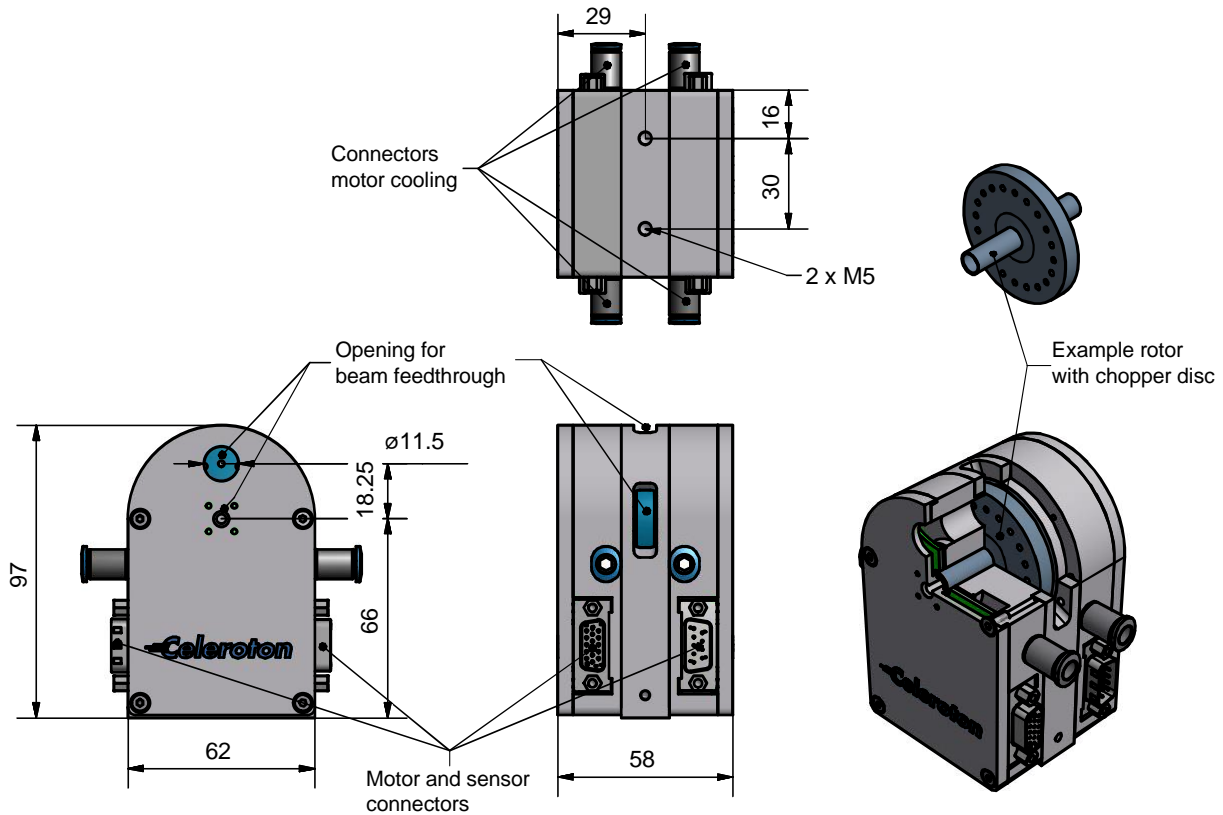
High-speed active magnetic bearing motor for direct drive of applications with highest speeds.

- Operation in vacuum or special atmosphere possible
- Minimum volume thanks to integration of torque generation and magnetic bearing in designed space
- Highest speeds for magnetic bearings thanks to slotless winding technology
- Stator winding and back iron configuration for bearing forces without eddy current losses and without reactive power demand up to highest speeds
- The modular construction allows for radial or axial beams with the corresponding rotor



Specifications	
Pole-pair number	1
Rated speed	400,000 rpm
Rated power	250 W
Rated torque	6 mNm
Weight	600 g

Drawing in mm



Options

- Custom specific rotor
- Custom specific casing modifications
- Custom specific winding options

Optional Services for custom specific rotor-loads

- | | |
|-----------------------------|----------------------|
| Integration of applications | Rotordynamics design |
| Balancing | Mechanical design |

Controller CC-AMB-1500 (supplied with motor)

- Magnetic bearing controller
- Motor controller
- Control with PC-Software CelerotonPilot

Celeroton AG

Industriestrasse 22
CH-8604 Volketswil

Tel.: +41 44 250 52 20
Fax: +41 44 250 52 29

info@celeroton.com
www.celeroton.com

© Celeroton AG. All rights reserved.