Toothed Brake

TYPE 72

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SG Transmission

The electromagnetic toothed brake is similar in construction to the standard power-on brake, however it benefits from higher static torque due to the mechanical advantage of interlocking teeth between the driven and driving elements. Using teeth in the brake's construction gives a higher torque capability than comparable, similar sized devices.

The toothed brake gives a braking effect when the coil is energised (power-on). Therefore, the toothed brake can be used to stop a rotating load when the electrical power is turned on and can be supplied with various armature styles (C.L., C.C. or C.R) to suit the intended design construction.

Benefits

- High torque
- Compact size
- No slip
- Zero drag torque
- Power on engagement

Features

- Insulation Class B
- Keyways to B.S. 4235
- Circlip grooves to B.S. 3673
- Optional number of teeth
- Optional voltages

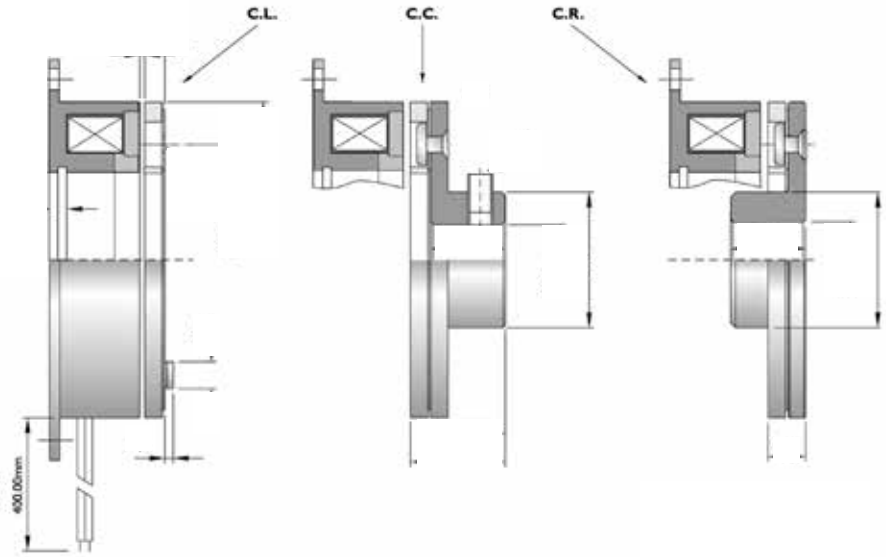
Key applications

- Machine tools
- Material handling
- Security gates
- Wind turbines

SIZE | FIELD MOUNTING | ARMATURE TYPE | D.C. VOLTAGE

TB06 - TOOTHED BRAKE - CL - 24

Technical data



	Toothed Brake
	Sizes available from 60mmØ - 120mmØ
	Bespoke sub-assembly available and designed to suit the application
	Please enquire for further information and prices
	enquiries@sgtransmission.com