



## Technical data

1	Starting current*	Nm	10
2	Min. torque (residual torque)	Nm	<0.5
3	Rated voltage (DC / PWM)	V	24
4	Rated current	A	0.5
5	Max. permissible speed (with heat sink)**	rpm	480 (1000)
6	Max. permissible slip power (with heat sink)**	W	25 (85)
7	Max. permissible operating temperature	°C	80
8	Rotor moment of inertia****	kgm <sup>2</sup> x 10 <sup>-2</sup>	0.16
9	Weight (with heat sink)****	kg	2.2 (2.8)
10	Degree of protection	-	IP30

\* Corresponds to the rated torque. The maximum torque is usually higher than the specified value.

At very low speeds < 10 rpm, torque fluctuations may occur.

\*\* For brakes without heat sinks, this is limited by the residual torque and the maximum permissible slip power.

\*\*\* Value determined at room temperature (22°C). Taking into account the maximum permissible operating temperature, the brakes may also be overloaded momentarily.

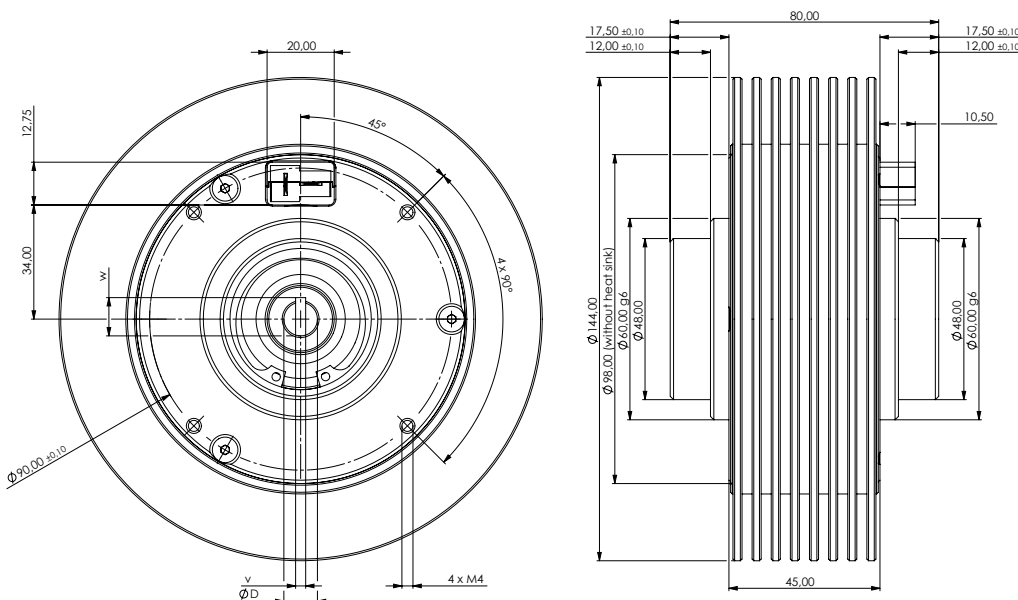
\*\*\*\* The values for the rotor moment of inertia and weight may change depending on the hollow shaft design.

The brake is preconfigured for connection via a FASTIN-FASTON 250 quick-disconnect connector 42282-2 and connection housing 180907 from TE Connectivity. The required quick-disconnect connectors are included in the scope of delivery.

## Dimensions

Hollow shaft diameter D (mm)	Keyway v (mm)	Keyway w (mm)	Product code without heat sink	Product code with heat sink
10 H7	3 P9	11.4	035a-001	035a-004
12 H7	4 P9	13.8	035a-002	035a-005
14 H7*	5 P9	15.3	035a-003	035a-006

\* Standard diameter



## Installation note

All magnetic particle brakes must be installed in a horizontal position.

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