



## Technical data

1	Starting current*	Nm	100
2	Min. torque (residual torque)	Nm	<2
3	Rated voltage (DC / PWM)	V	24
4	Rated current	A	0.7
5	Max. permissible speed (with heat sink)**	rpm	480 (800)
6	Max. permissible slip power (with heat sink)**	W	100 (250)
7	Max. permissible operating temperature	°C	80
8	Rotor moment of inertia****	kgm <sup>2</sup> x 10 <sup>-2</sup>	5.82
9	Weight (with heat sink)****	kg	15.7 (21.3)
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.

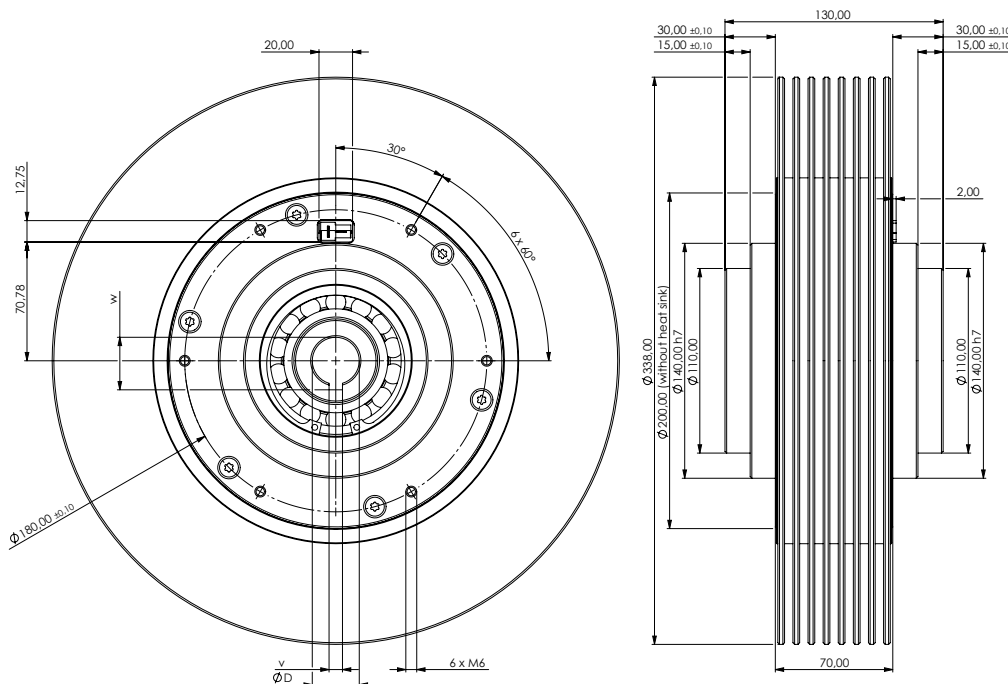
\*\*\*\* The values for the rotor moment of inertia and weight may change depending on the hollow shaft design.

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
28 H7	8 P9	31.3	035a-048	035a-052
30 H7	8 P9	33.3	035a-049	035a-053
32 H7	10 P9	35.3	035a-050	035a-054
35 H7*	10 P9	38.3	035a-051	035a-055

\* Standard diameter



## Installation note

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

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