



Technical data

1	Starting current*	Nm	25
2	Min. torque (residual torque)	Nm	<0.7
3	Rated voltage (DC / PWM)	V	24
4	Rated current	A	0.8
5	Max. permissible speed (with heat sink)**	rpm	550 (1000)
6	Max. permissible slip power (with heat sink)**	W	40 (120)
7	Max. permissible operating temperature	°C	80
8	Rotor moment of inertia****	kgm ² x 10 ⁻²	0.52
9	Weight (with heat sink)****	kg	3.7 (5.4)
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.

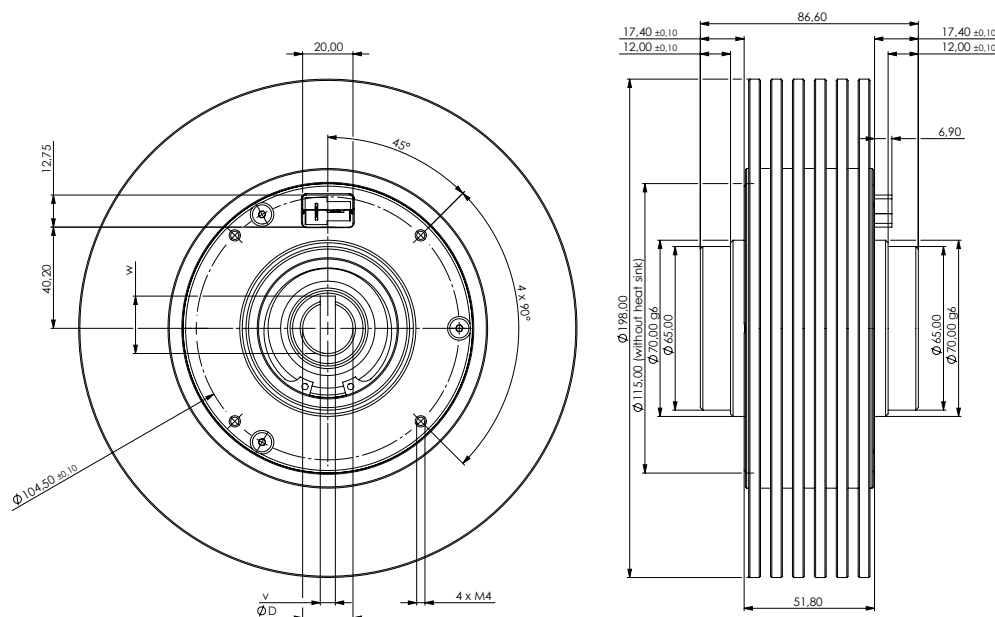
**** The values for the rotor moment of inertia and weight may change depending on the hollow shaft design.

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
14 H7	5 P9	16.3	035a-012	035a-017
16 H7	5 P9	18.3	035a-013	035a-018
17 H7	5 P9	19.3	035a-014	035a-019
19 H7	6 P9	21.8	035a-015	035a-020
20 H7*	6 P9	22.8	035a-016	035a-021

* Standard diameter



Installation note

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

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