



Only applicable for horizontal shaft position !

In order to avoid magnetic leakage flux and to achieve a good heat removal, non-ferrous metals should be used for installation or attachment of auxiliary components (not for drive shaft).

A Forced air inlet  
B Forced air outlet

Forced air cooling:  
dry, oilfree, filtered air  
pressure 0,5 bar

note :  
In brake applications, the  
drum- type rotor is blocked!

dimensions and specifications subject to change

rated torque	residual torque	field values			resistance at 20°C	operating times		axial force is inadmissible			admissible max. radial force: N		
		maximum values		rated current		operating times		max. admissible power loss			mass moment of inertia		weight
		P [ W ]	U [ V ]			I <sub>N</sub> [ A ]	t <sub>on</sub> [ms]	t <sub>off</sub> [ms]	0 min <sup>-1</sup>	1500 min <sup>-1</sup>	3000 min <sup>-1</sup>	ext. rotor	
M <sub>max</sub> [Nm]	M <sub>res</sub> [Nm]	P [ W ]	U [ V ]	I <sub>N</sub> [ A ]	R [ Ω ]	t <sub>on</sub> [ms]	t <sub>off</sub> [ms]	P <sub>v</sub> [ W ]	P <sub>v</sub> [ W ]	P <sub>v</sub> [ W ]	J [kgm <sup>2</sup> ]	J [kgm <sup>2</sup> ]	m [ kg ]
5	0,05	25	24	0,48	24	220	150	125	125	125	-	37·10 <sup>-6</sup>	1,70