



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).  
 dimensions and specifications subject to change

Only applicable for horizontal shaft position !

\* ) heat sink "R"

rated torque	residual torque	field values			resistance at 20°C	operating times		max. admissible power loss			mass moment of inertia		weight
		maximum values	rated current			t <sub>on</sub> [ms]	t <sub>off</sub> [ms]	0 min <sup>-1</sup>	1000 min <sup>-1</sup>	2000 min <sup>-1</sup>	ext. rotor	int. 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	0,20	24	24	0,5	24	210	140	70	130	165	4,70·10 <sup>-6</sup>	9,9·10 <sup>-6</sup>	2,0
								100*	275*	360*	24,50·10 <sup>-6</sup> *		2,4*

item	amount	parts
3	1	internal rotor
5	1	field coil 24VDC
8	1	felt gasket
9	2	V ring gasket
12	1	ball bearing
21	-	air gap for magnetic powder slipping
40	1	slipping
60	1	brush holder assy.