



Data sheet Magnetic particle brake, watercooled Type FRATO - Torque 12 up to 1000 Nm

type brakes with hollow shaft	torque	Residual- moment	max. permissible power loss dissipation	required quantity of cooling water	field values rated values			resistance at 20°C	switching time		mass moment of inertia inside rotor	weight
	M _{max.}	M _{Rest.}	P	V	P	U	I _N	R	t1	t2	J	
	Nm	Nm	W	l / min	W	V	A	Ohm	ms	ms	kg x m ²	
FRATO 120	12	0,27	400	2	24	24	0,55	23	240	150	0,25 x 10 ⁻³	3,4
FRATO 350	35	0,33	700	2	32	24	1,0	19	400	320	0,79 x 10 ⁻³	5,4
FRATO 650	65	0,63	1000	2	30	24	1,0	20	520	355	2,0 x 10 ⁻³	8,55
FRATO 2002	200	2,0	2100	3	55	24	1,55	12	1100	1000	35,2 x 10 ⁻³	28
FRATO 5001	500	5,0	3500	3	55	24	1,7	11	3000	2750	331 x 10 ⁻³	81
FRATO 5001R	500	5,0	7000	3	55	24	1,7	11	3000	2750	331 x 10 ⁻³	83
FRATO 10001	1000	10	6500	5,5	200	24	1,7	20	5000	4600	809 x 10 ⁻³	155
FRATO 10001R	1000	10	12000	5,5	200	24	1,7	20	5000	4600	809 x 10 ⁻³	160