



Data sheet Magnetic particle brake Type F(R)AS - Torque 0,2 up to 5 Nm

type brakes with shaft end	torque	Residual- moment	max. permissible power loss dissipation	field values rated values			resistance at 20°C	switching time		mass moment of inertia inside rotor	weight
				P	U	I _N		R	On		
	M _{max.} Nm	M _{Rest.} Nm	P W	P W	U V	I _N A	R Ohm	t1 ms	t2 ms	J kg x m ²	kg
FAS 2	0,2	0.007	15	3	24	0,05	195	44	27	8 x 10 ⁻⁶	0,2
FAS 21	2	0,007	35	16	24	0,35	31	130	60	35 x 10 ⁻⁶	0,95
FRAS 21 ^{*)}	2	0,04	60	16	24	0,35	31	130	60	35 x 10 ⁻⁶	1,35
FAS 50	5	0,04	50	25	24	0,52	24	220	150	44,6 x 10 ⁻⁶	1,6
FRAS 50 ^{*)}	5	0,1	85	25	24	0,52	24	220	150	44,6 x 10 ⁻⁶	2,2
		0,1									

^{*)} with heat sink