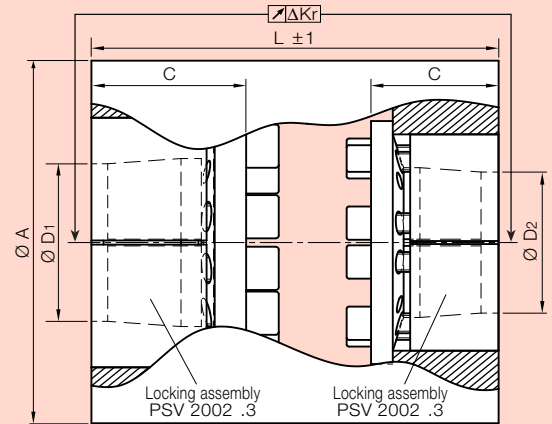


Permanent Magnetic Safety Clutch Series MK/SV



The coupling consists of two separated halves which have to be supported by the customer!



Technical Data Series MK/SV

Type			100		200		500	
	Version a	Version b	Version a	Version b	Version a	Version b	Version a	Version b
Torque ^{1) 2)}	(Nm)	M	50	100	100	200	250	500
Max. rotation speed	(min ⁻¹)	n _{max}	6000	6000	4000	4000	3000	3000
Max. temperature of surrounding air	(°C)	T	0 - 60	0 - 60	0 - 60	0 - 60	0 - 60	0 - 60
Weight	(kg)	m _{ges}	3,1	4,0	5,7	7,3	11,9	14,4
Max. app. radial misalignment ²⁾	(mm)	ΔKr	0,4	0,4	0,4	0,4	0,4	0,4
Inertia	outer part	(10 ⁻³ kgm ²) J _{out}	2,7	3,7	9,1	12,2	37,2	47,3
	inner part	(10 ⁻³ kgm ²) J _{in}	1,0	1,6	4,1	6,2	21,3	29,7
Tightening torque of screws	(Nm)	T _A	18	18	18	18	18	18

Dimensions (mm) Series MK/SV

Type	100		200		500	
	Version a	Version b	Version a	Version b	Version a	Version b
Ø A	94	94	129	129	189	189
C	31	31	31	31	31	31
L	75	115	75	115	75	115
Ø D ₁ / Ø D ₂	20	20	30	30	35	35
min. - max.	20 - 25	20 - 25	20 - 40	20 - 40	20 - 40	20 - 40

- 1) Lower torque values on request
 2) Specified torque ± 5% tolerance

Range of applications • As safety clutch in e.g. extrusion plants, shredders, or similar

GERWAH®