

English translation of German original

Technical Data Sheet TI-A12 Safety Catcher KR Load direction compressive (to mounting surface)

General information, particularly regarding purpose, function, choosing right type and control is provided in „Technical Information TI-A10“. Furthermore important practical advices are given in the „Operating Manual BA-A12“.

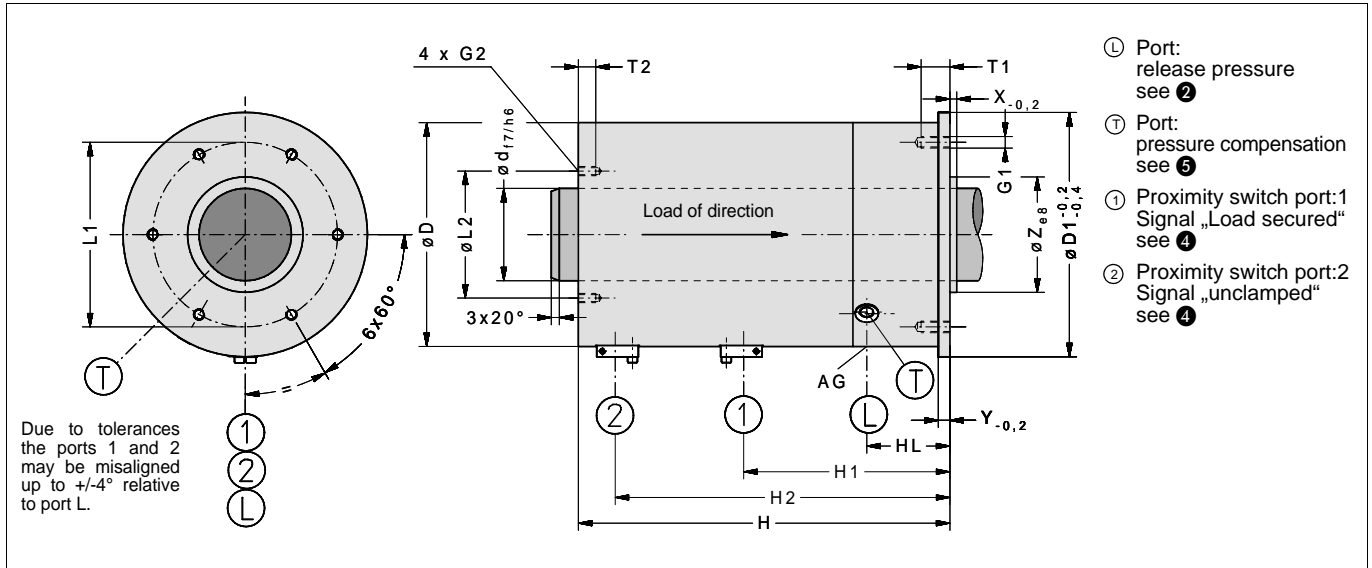


Fig. 1: Dimensions Safety Catcher KRP (CAD-Files download at www.sitema.com)

Typ	Ident.-Nr.	①										③									
		d	M	D	D1	H	Y	Z	X	L1	G1	T1	L2	G2	T2	V	AG	HL	H1	H2	Gew.
		mm	kN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ³		mm	mm	mm	kg
KRP 25	KR 025 11	25	10	71	81	152	5	40	3	56	M6	15	64	M5	12	20	G1/8	36	84	130	4
KRP 28	SK 028 042	28	15	82	92	169	5	45	3	65	M8	15	73	M5	12	30	G1/8	38,5	88	145	5
KRP 40	KR 040 11	40	33	106	123	211	8	52	3	80	M8	20	56	M6	12	50	G1/4	47	141	186	10
KRP 50	SK 050 063	50	52	125	142	264	8	65	3	110	M10	25	-	-	70	G1/4	51	119	235	20	
KRP 56	KR 056 11	56	67	140	155,8	262	8	70	3	115	M10	25	75	M6	12	80	G1/4	52	187	235	24
KRP 80	KR 080 11	80	133	194	212	322	10	100	3	160	M10	25	110	M8	16	150	G1/4	54	128	290	55
KRP 100	KR 100 21	100	220	240	-	365	-	120	7	160	M12	25	135	M8	16	180	G3/8	22	285	235	95

bold types = recommended standard

Subject to modification without prior notice

- ① M is the admissible force the mass to be secured exerts on the clamping device. The holding (braking) force for dry running or mineral-oil wetted shafts is not less than 2 x M, but will not exceed 3,5 x M.
- ② Minimum operating pressure is 4 bar. In case a spring base is installed, for releasing without lifting the required pressure is 6 bar, conf. „Technical Information TI-A10“. Admissible working pressure is 10 bar.

- ③ Pneumatic operating volume.
- ④ Proximity switch holders are provided for standard proximity switches M12x1shielded and with a nominal switching distance of 2 mm.
- ⑤ Port T is used for pressure compensation (breathing). It is plugged with an air filter element. If, however, moisture or aggressive media are present, a hose instead of the filter must be installed to connect the device with a clean atmosphere (e.g. hydraulic tank).