

English translation of German original

Technical Data Sheet TI-A14 Safety Catcher KRP/T Load direction tensile (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“.

To hold the tensile forces these KRP/T types have a strong shoulder near the upper end, which is designed to transmit the force to a collar flange.

Therefore it is possible to attach the safety catcher to the machine frame in a **fixed** or **floating** manor according to the explanation given in „Technical Information TI-A10“, § 14 „How to attach“.

Standard versions of those flanges are listed „Technical Information TI-A30“. Such flange is not part of the Safety Catcher KRP/T, but available as an option.

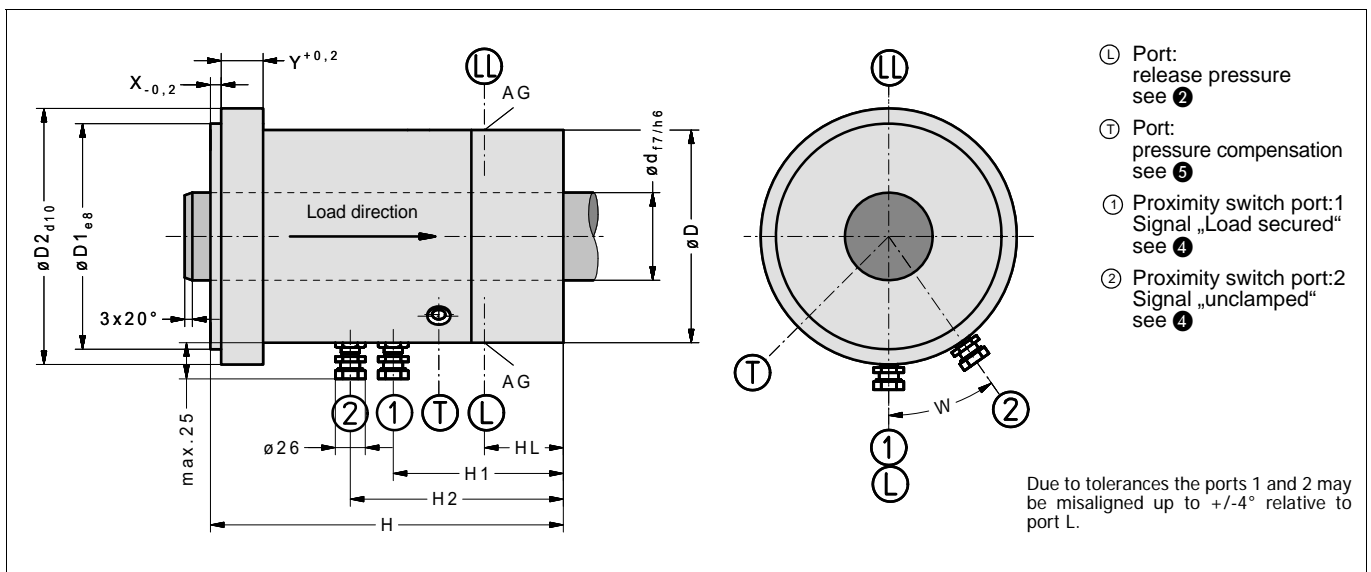


Fig. 1: Dimensions Safety Catcher KRP/T (CAD-Files download at www.sitema.com)

Type	Ident.-No.	d	M	H	D1	D2	D	X	Y	V	AG	HL	H1	H2	w	Weight
		mm	kN	mm	mm	mm	mm	mm	mm	cm ³		mm	mm	mm		kg
KRP/T 25	KR 025 36	25	10	155	70	88	71	3	13	20	G1/8	39	87	105	23,5°	4
KRP/T 40	KR 040 36	40	33	214	106	125	106	4	20	50	G1/4	51	109	128	35°	9,5
KRP/T 56	KR 056 36	56	67	265	140	164	140	5	25	80	G1/4	55	125	168	0°	26
KRP/T 80	KR 080 36	80	133	325	200	225	194	6	34	150	G1/4	57	131	179	0°	60,5

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-A20“. Admissible working pressure is 10 bar.
- ③ Pneumatic operating volume.

- ④ Proximity switch holders are provided for standard proximity switches M12x1 shielded and with a nominal switching distance of 2 mm, except KRP/T 25: M8x1 with nominal distance 1,5 mm. For easier service, the proximity switch holders have a positive stop and are presetted when delivered from the factory.
- 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).