English translation of German original
TI-A14-EN-10/2008

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.

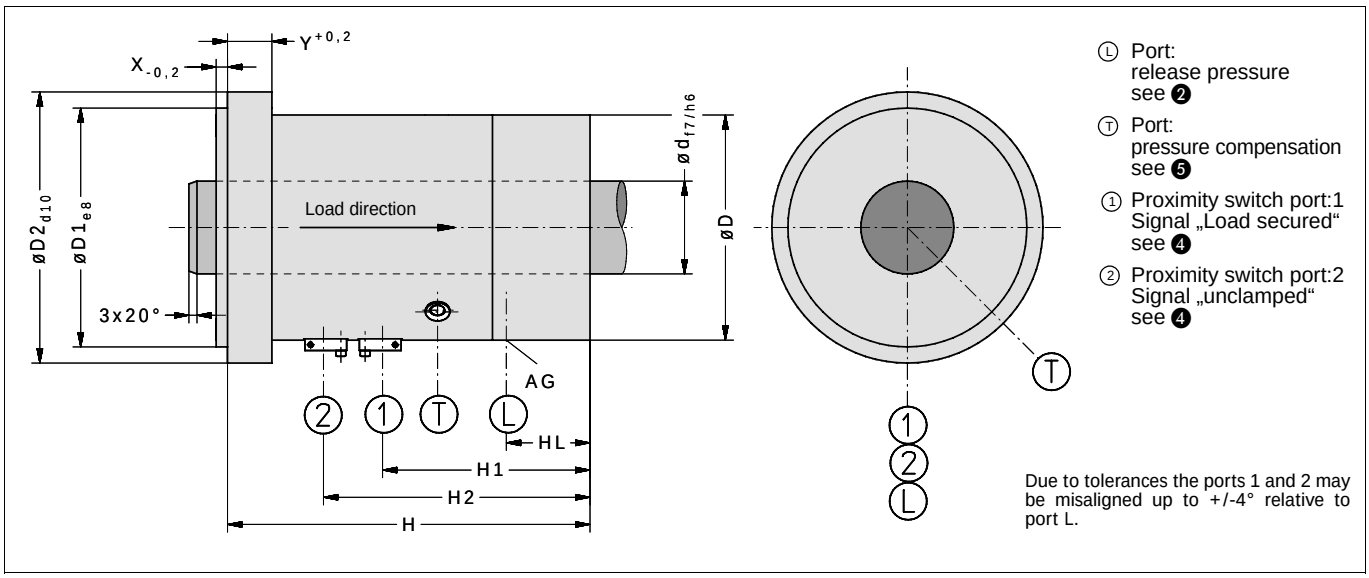

Abb. 1: Dimensions Safety Catcher KRP/T (CAD-Files download at www.sitema.com)

			❶							❸					
Type	**Ident.-No.**	**d**	**M**	**H**	**D1**	**D2**	**D**	**X**	**Y**	**V**	**AG**	**HL**	**H1**	**H2**	**Weight**
		mm	*kN*	*mm*	*mm*	*mm*	*mm*	*mm*	*mm*	*cm³*		*mm*	*mm*	*mm*	*kg*
KRP/T 25	**KR 025 16**	25	10	155	70	88	71	3	13	20	G1/8	39	87	105	4
KRP/T 40	**KR 040 16**	40	33	214	106	125	106	4	20	50	G1/4	51	109	128	13
KRP/T 56	**KR 056 16**	56	67	265	140	164	140	5	25	80	G1/4	55	125	168	27
KRP/T 80	**KR 080 16**	80	133	325	200	225	194	6	34	150	G1/4	57	131	179	65

Subject to modification without prior notice

❶ 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.

❷ Minimum operating pressure is 4 bar. Admissible working pressure is 10 bar.

❸ Pneumatic operating volume.

❹ Proximity switch holders are provided for standard proximity switches M12x1 shielded and with a nominal switching distance of 2 mm.

❺ 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).