

TECHNICAL INFORMATION



Haldex Protect-O coupling heads with filter and test point for brake systems and air suspension system for trailers against contamination.

The coupling heads compatible to the international / national norms: DIN ISO 1728, SAE J 318.

Benefits

- › With rubber diaphragm closes automatically when uncoupling
- › Minimum installation effort due to integrated design
- › Test point in according to ISO-Norm: 3583-1984
- › Fitting like to days coupling heads
- › Compatible with all products corresponding to the same norm

Protect-O

Haldex Protect-O

The pneumatic palm couplings of an uncoupled trailer are usually left open, even though they can be capped.

This is what happens: Pneumatic functioning may be hindered by such impurities, which have no place in the pneumatic system. The patented Protect-O palm coupling by Haldex solves this problem. As simple as it is effective, the system automatically closes the opening to the palm coupling as soon as the air hose is disconnected.

This is possible by a sophisticated rubber diaphragm. When the connection between tractor and trailer is broken and pressure is released, the diaphragm automatically closes the opening. It retracts just as quickly when the system is repressurised.



Innovative Vehicle Solutions



Protect-O

Use

- › Semi-trailer
- › Centre-axle-trailer
- › Drawbar-trailer

The coupling heads are coupleable with the coupling heads in accordance to DIN ISO 1728, SAE J 318

Technical data

Operating pressure	$p_e = 10.0 \text{ bar}$
Operating temperature	$-40^\circ\text{C} - +80^\circ\text{C}$
Filter mesh	$150 \mu\text{m}$
Torque	$14 + 2 \text{ Nm}$
Test point	$M 16 \times 1.5$
Torque	$40 + 5 \text{ Nm}$
Bulkhead connector	$M 24 \times 1.5$
Torque	$25 + 5 \text{ Nm}$
Bulkhead connector	$M 16 \times 1.5$

Versions

Coupling head service with filter

334 085 101 with test point

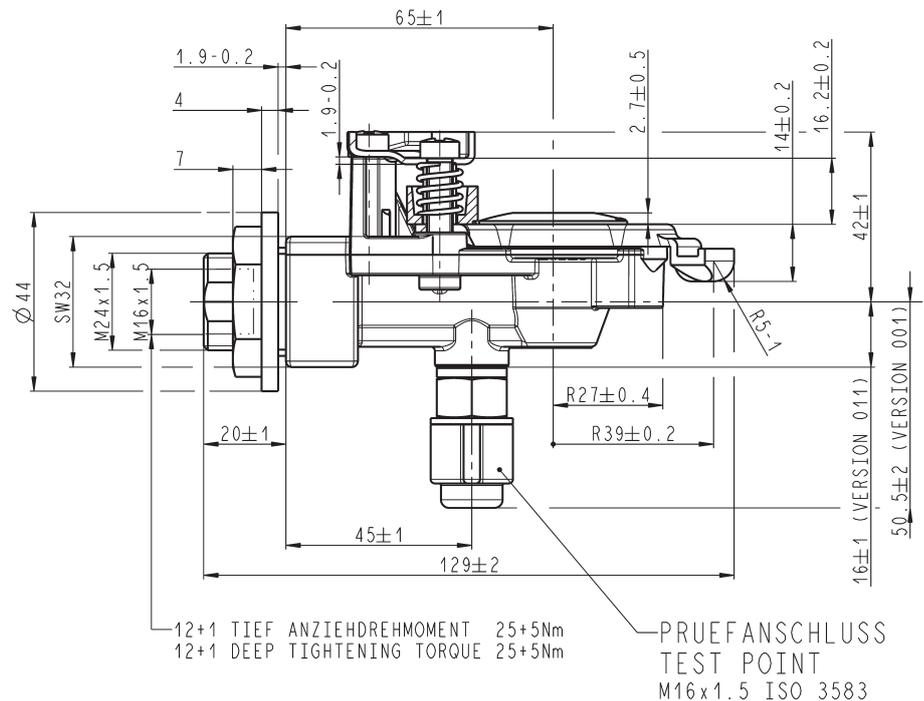
334 085 111 without test point

Coupling head emergency with filter

334 086 101

Design and function

Dimensions 334 085 101



Dimensions 334 086 101

