



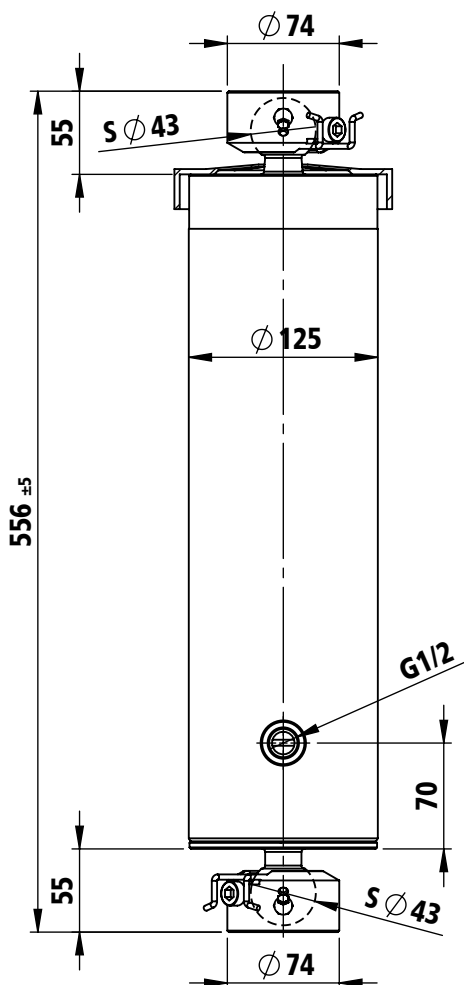
Light duty, ball - ball

Part Number

3104001054005

Tipping weight

8-15 ton



mounting dimension	556 mm + 20 mm min pull out				total stroke	1284 mm	max pressure	200 bar	
model: BL400 1284 105 4 CRL	code: 3104001054005				weight: 38 kg	1222 000515			
extension	1	2	3	4	-	-	-	-	number of stages: 4
diameter [mm]	105	90	75	60	--	--	--	--	
stroke [mm]	329	316	318	321	--	--	--	--	total: 1284 mm
thrust [kN]	173	127	88	57	--	--	--	--	max thrust admitted: 77 kN
oil [dm <sup>3</sup> ]	2.8	2.0	1.4	1.0	--	--	--	--	total: 7.2 dm <sup>3</sup>

### TECHNICAL NOTES AND SPECIFICATIONS

- The normal application of telescopic cylinder is to lift up tipping bodies, loaded with different materials, and consequently discharge this material whilst the cylinder is extended all along its stroke.
- The body weight plus the max payload are the max tipping weight that can be raised by the cylinder. This value, calculated at the max pressure, is a rough indication of the tipping power of the cylinder and must be used as a first criteria for the selection of the cylinder. The real tipping mass can only be calculated by the design engineer of the dump truck, and must take into account the geometry of the dump body and operating conditions. Never exceed the maximum thrust.
- Never exceed maximum pressure.
- The cylinder has been designed for loads along the longitudinal axis: the cylinder is a lifting device only and may not be used as structural member or be subject to side load.
- Chrome coating type CRL (minimum thickness: 5 µm) on telescopic stages.
- H.S.PENTA warranty does not apply to any kind of corrosion of coated or non-coated parts. See terms of warranty.
- Maximum extension speed less than 0.2 m/s.
- Hydraulic oil temperature admitted between -40°C and +100°C.
- In case the cylinders must be stored, do not remove the package. Store them in a dry place, not exposed to rain. Do not store the cylinders for more than 6 (six) months.
- Further specifications see mounting instructions, hydraulic oil specification sheet, user & maintenance manual.

#### REMARKS

[2011.08.01] [2011.08.01]

Chromed stages (Steli cromati)

#### REVISIONS


	01
	02
	03
	04