



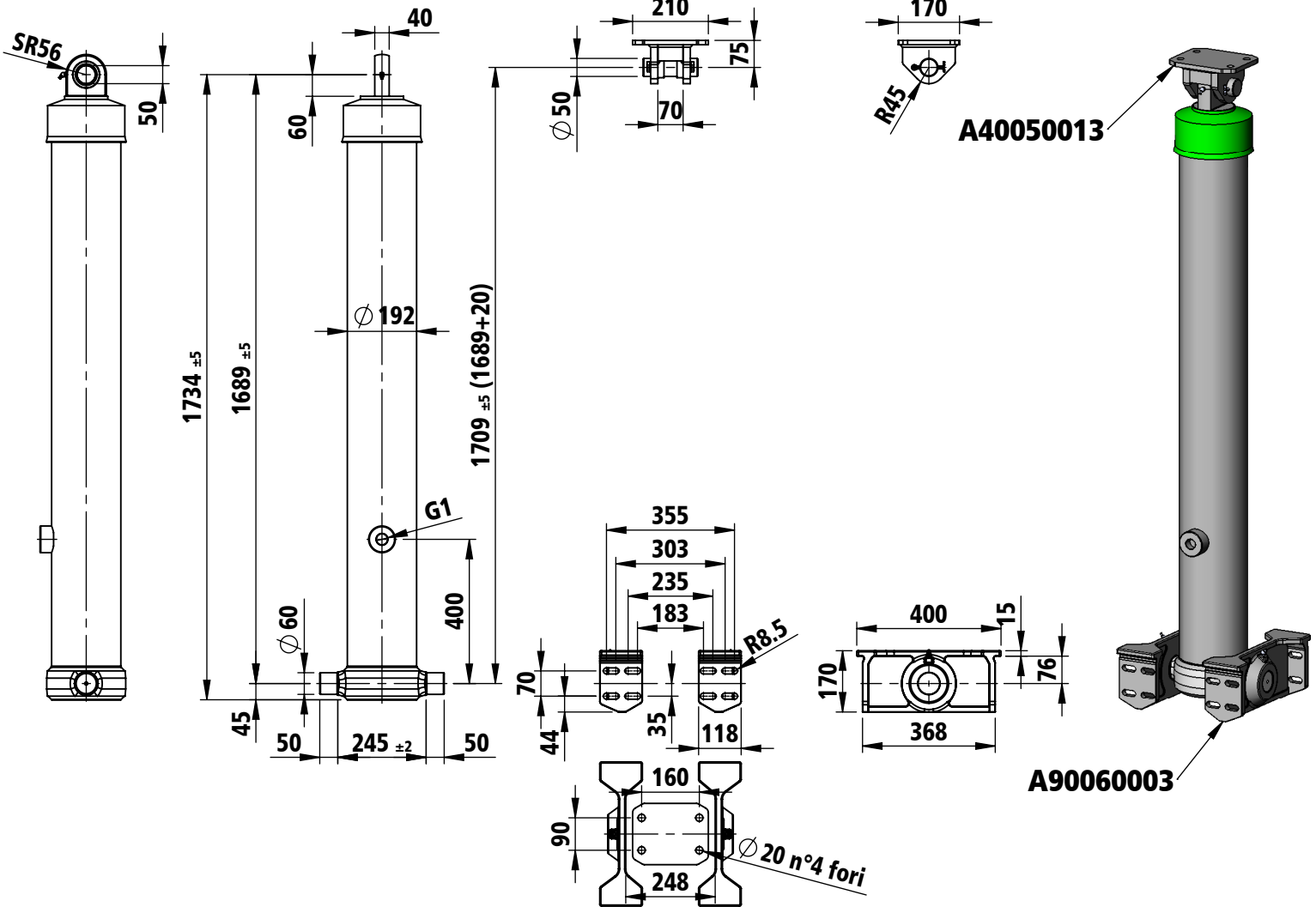
Front end cylinder, pins - eye (spherical bearing)

Part Number

4116001695010

Tipping weight

39-64 ton



mounting dimension	1689 mm + 20 mm min pull out	total stroke	6720 mm	max pressure	175 bar
model: HF 6720 169 5	code: 4116001695010	weight: 250 kg	1222 000322		

extension	1	2	3	4	5	-	-	-	-	-	-	number of stages: 5
diameter [mm]	169	149	129	111	95	--	--	--	--	--	--	
stroke [mm]	1334	1339	1344	1349	1354	--	--	--	--	--	--	total: 6720 mm
thrust [kN]	393	305	229	169	124	--	--	--	--	--	--	
oil [dm³]	29.9	23.3	17.6	13.1	9.6	--	--	--	--	--	--	total: 93.5 dm³

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 CRN (40 h corrosion test ISO 9227-rating 9 ISO 10289 / minimum thickness: 15 µm) on rod stage Ø95.
- 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.
- Critical buckling load 153 kN fully extended cylinder.

REMARKS

[2012.01.30] [2012.02.21]

Last stage Ø95 chromed (Elemento terminale Ø95 cromato)

REVISIONS

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	02
	03
	04