APPFS(S) series



Front end cylinder, eye - eye (spherical bearing) Part Number Tipping weight 30-63 ton 35.5 A40050013 \emptyset 138 A40050013 7/8"-14JIC 35.5 160 \$\phi 20 n°4 fori Ø172 B6M022006 1543 mm + 20 mm min pull out mounting dimension total stroke 3371 mm 300 ba model: APPFS 3371 116 3 1222 000903 code: 5613521163004 weight: 121 kg extension 1 2 3 number of stages: 3 diameter [mm] 116 98 79

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

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total: 3371 mm

total: 25.8 dm3

- 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.
- 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 Ø79.

 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.

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Never exceed maximum pressure.

1116

317

11.8

1124

226

8.5

1131

147

5.5

- 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 256 kN fully extended cylinder.

REMARKS	[2012.05.18] [2012.05.18]	REVISIONS	
Last stage 079 chromed (Flemento terminale 079 cromato)			01

stroke [mm]

thrust [kN]

oil [dm3]