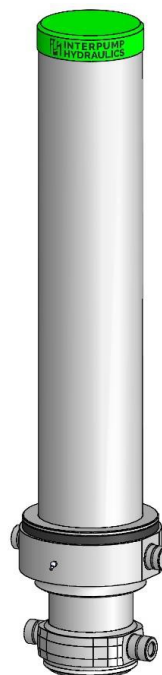
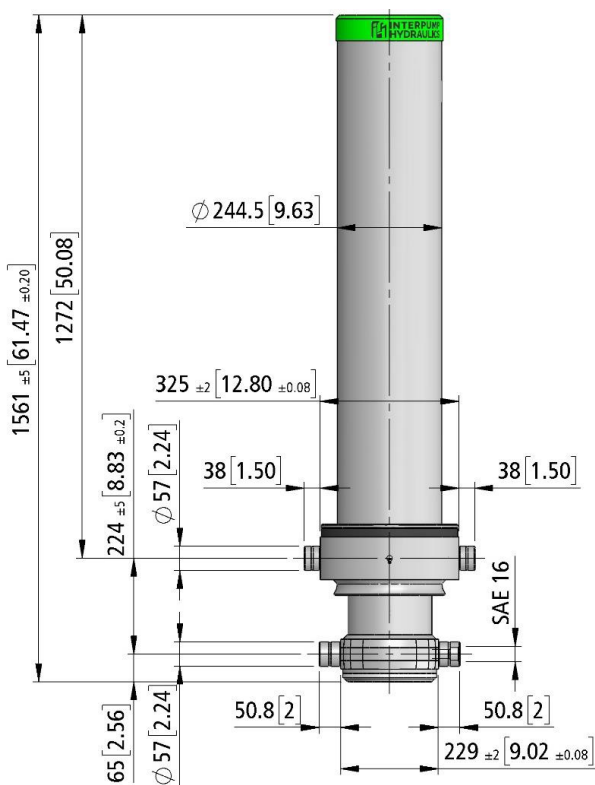




MODEL NO: 7.5-4-194-B50



Mounting Dimensions: 8.82" (224 mm) + 0.79" (20 mm) min. pull out						Max Pressure: 3625 PSI/ 250 Bar (Rated for 3625 PSI/ 250 BAR)		
MODEL NO: 7.5-4-194-B50						Weight: 716 lb. (325 kg)		Seal Kit Part No.: GSK-7.54-50
Extension	1	2	3	4				Number of Stages: 4
Diameter (in./mm)	6.85 / 174	6.06 / 154	5.31 / 135	4.57 / 116				
Stroke (in./mm)	48.35 / 1228	48.19 / 1224	48.39 / 1229	48.39 / 1229				Total Stroke: 193.31 in (4910 mm)
Thrust (ton/kN)	66.8 / 594	52.4 / 466	40.2 / 358	29.7 / 264				Thrust based on 3625 PSI (250 Bar)
Oil (gal/L)	7.7 / 29.2	6 / 22.8	4.6 / 17.6	3.4 / 13				Total Oil: 21.82 gal (82.6 L)

The cylinder has been designed to provide only a linear pushing force. The cylinder is not a structural member and must not be used as a stabilizer or be subject to side or pulling load. The cylinder will not prevent the dump body or trailer from rollover or lateral tilt. 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 selection of the cylinder. The real tipping mass can only be calculated by the design engineer of the completed machinery, and must take into account the geometry of the dump body, operating conditions and all reasonably foreseeable uses. **Never exceed maximum thrust.** When selecting a hydraulic cylinder for replacement. It is the responsibility of the purchaser and installer/ user to verify that all dimensions, mounting, and performance features of the replacement cylinder are appropriate for the application.

Chrom. coating type CRN (40 h corrosion test ISO9227-rating 9 ISO10289 – minimum thickness 15 µm) on smallest, 3.86 in (98 mm) stage.

REMARKS

REVISIONS



DS16-08 754194B50 (Rev. 07-23)

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