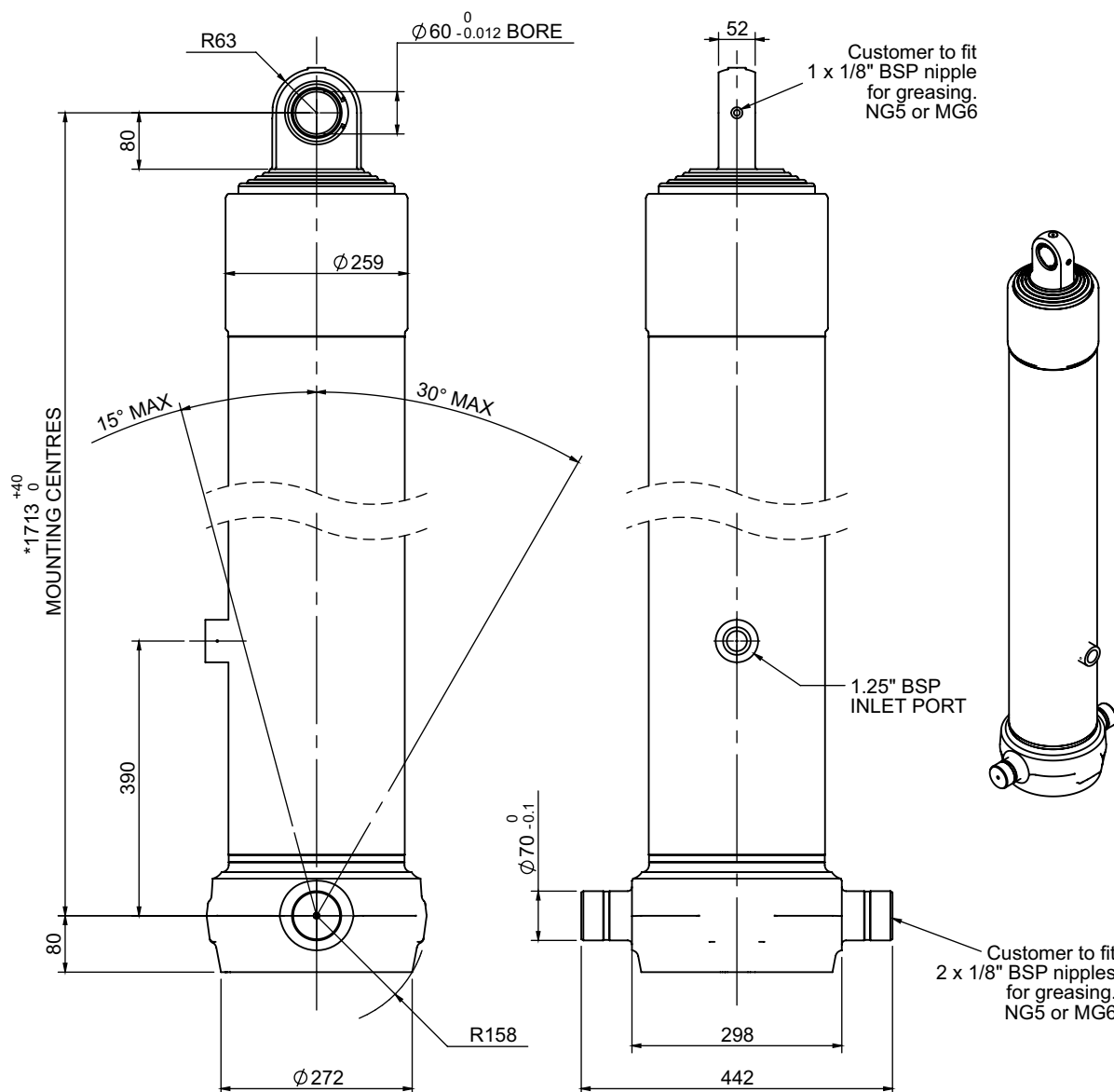


Cylinder 5 stage front end with spherical bearing

CS220S57030B39CAE



*Includes 9mm Pull Out.

SPECIFICATION

TIPPING CAPACITY : 73-90 TONNES***				
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
0	250	1678	-	-
1	222	1640	1401	54
2	198	1640	1418	44
3	176	1640	1427	35
4	155	1640	1437	27
5	136	1640	1347	20
Total (+5/-10)			7030	180
Final stroke reduced by		100	Priming Volume	
Cylinder Mass (Kg)		409	Total Volume (Litres)	
Maximum Pressure (Bar)		190	Max. first stage thrust	
			400 KN	

***TIPPING CAPACITY AT WORKING PRESSURE

The diagram illustrates a hydraulic cylinder with the following dimensions and parameters:

- d**: Diameter of the cylinder.
- Body Length (BL)**: Total length of the cylinder body.
- L = BL/2 - OH**: Distance from the center of the cylinder to the top edge of the cylinder.
- L**: Distance from the center of the cylinder to the bottom edge of the cylinder.
- T**: Tipping angle.
- W**: Width of the cylinder.
- OH**: Offset height.

BODY LENGTH (BL)						OH
9000		9200		9400		
77	48°	75	47°	73	46°	200
84	50°	81	49°	79	47°	500
		90	50°	87	49°	800

d = 0; r = 1200; Working Pressure 165 bar

Tipping angle (T)

Body + payload mass, W (tonne)

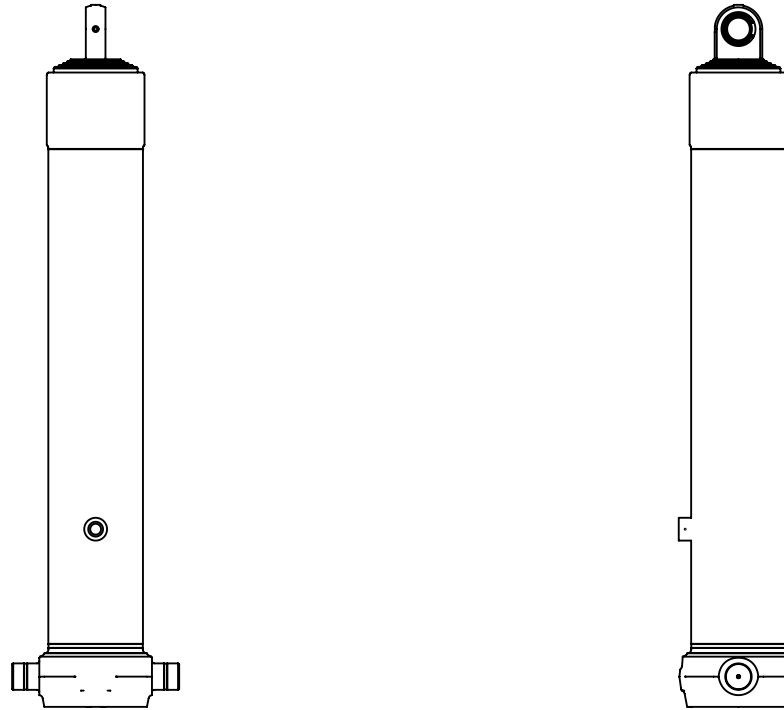
NOTES

1. This cylinder is for lifting purposes only and side load conditions should be avoided
2. Cylinder is painted in primer to RAL9005

Edbro

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