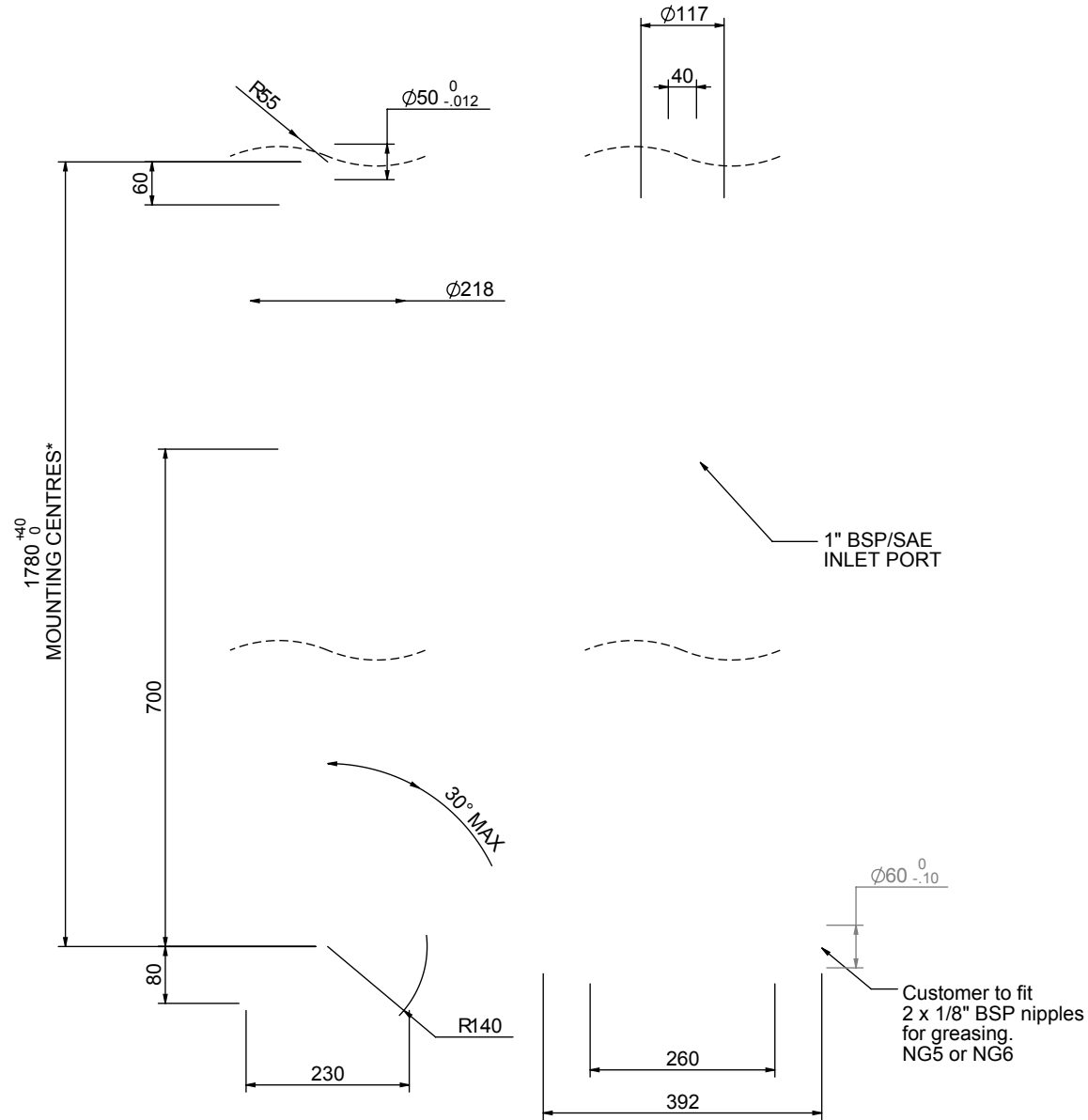


Cylinder 5 stage front end with spherical eye

CS180S57633S70A01

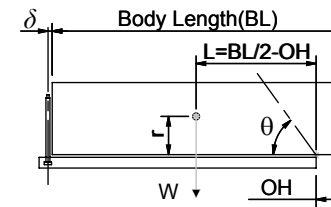


*Includes 9mm Pull Out Last Stage Chrome Plated

SPECIFICATION		RATED CAPACITY : 35-42 TONNES**		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-		
0	211	1755		
1	188	1720	1497	42
2	167	1720	1517	33
3	147	1720	1527	26
4	127	1720	1542	20
5	105	1720	1547	13
Final stroke reduced by	0	Total (+5/-10)	7630	134
Cylinder Mass (Kg)	305.59	Priming Volume	25	
Rated Pressure (Bar)	135	Total Volume (Litres)	159	
Maximum Pressure (Bar)	175	Max. first stage thrust	260 KN	

**TIPPING CAPACITY AT RATED PRESSURE

d = 229 ; r = 900



BODY LENGTH (BL)					OH	
9250	9750	10250				
35	51°				150	
38	52°	36	49°		450	
42	55°	39	51°	37	48°	750

Tipping angle (θ)
 Body + payload mass, W (tonne)

For guidance only;

Higher Rated Pressures may be possible. To check your application, email Edbro plc at <applications@edbro.co.uk>

NOTES

- If hydraulic pressure is used to limit overloading, the system relief valve must be set to the Rated Pressure unless agreed otherwise by Edbro
- The system relief valve can be set to Maximum Pressure if the load is limited by other means. See RATINGS page for advice
- This cylinder is for lifting purposes only and sload conditions must be avoided
- Cylinder is painted in primer paint to RAL5013
- See bracket options page BRKT01, BRKT02
- See installation instructions INSTALL01
- Use oil according to specification OIL01