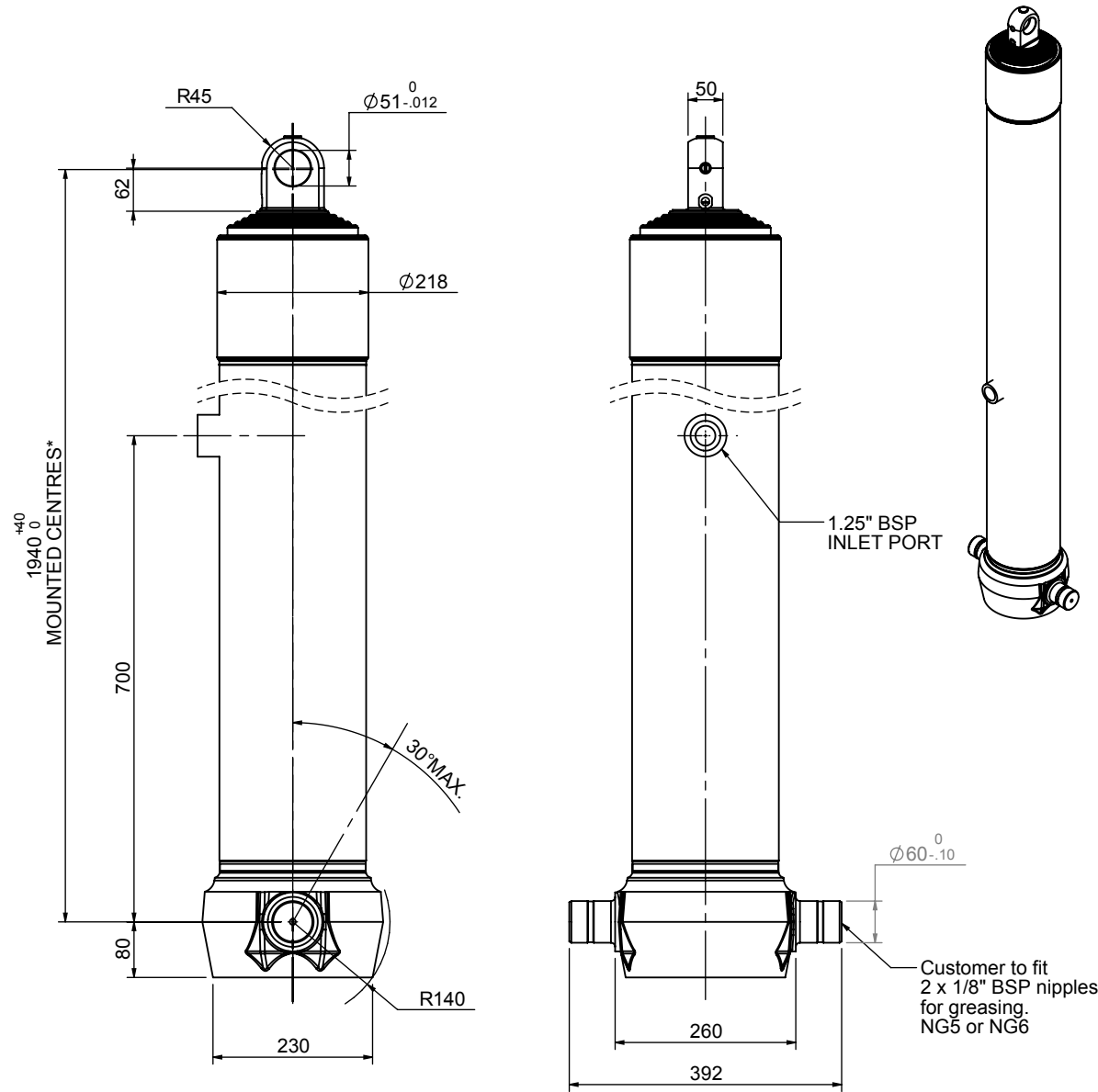


Cylinder 5 stage front end with plain eye



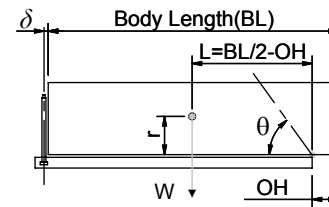
*Includes 9mm Pull Out Last Stage Chrome Plated

CS180E57983B70L01

SPECIFICATION		RATED CAPACITY : 31-37 TONNES**		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
0	211	1925	-	-
1	188	1890	1667	46
2	167	1890	1687	37
3	147	1890	1697	29
4	127	1890	1712	22
5	105	500	1217	11
Final stroke reduced by	500	Total (+5/-10)	7980	145.0
Cylinder Mass (Kg)	328.86	Priming Volume	27	
Rated Pressure (Bar)	120	Total Volume (Litres)	172	
Maximum Pressure (Bar)	175	Max. first stage thrust	260 KN	

**TIPPING CAPACITY AT RATED PRESSURE

d = 0 ; r = 900



		BODY LENGTH (BL)				OH
		10000	10500	11000		
31	49°				150	
34	50°	32	48°		450	
37	52°	34	49°	32	47°	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