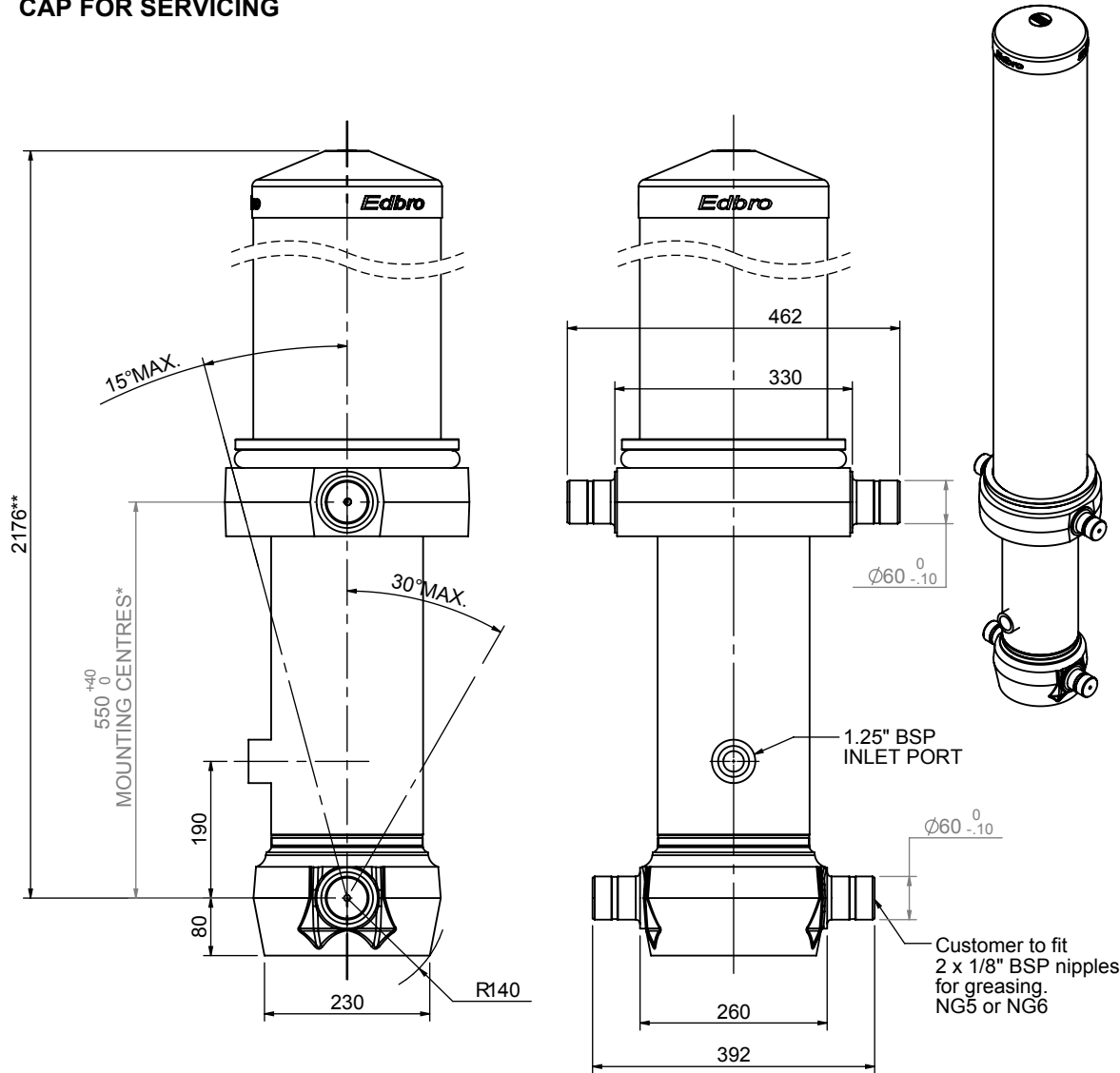


Cylinder 5 stage front end with Outer Cover

****ALLOW 50mm TO REMOVE CAP FOR SERVICING**



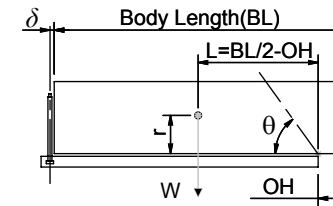
***Includes 12mm Pull Out, all stages Chrome Plated**

CS180059483B19A12C

SPECIFICATION		RATED CAPACITY : 29-34 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	1590	-	-
0	211	2125	-	-
1	188	2090	1864	52
2	167	2090	1887	41
3	147	2090	1897	32
4	127	2090	1912	24
5	105	2090	1917	17
Final stroke reduced by	0	Total (+5/-10)	9477	166
Cylinder Mass (Kg)	447.13	Priming Volume	31	
Rated Pressure (Bar)	120	Total Volume (Litres)	197	
Maximum Pressure (Bar)	175	Max. first stage thrust	260 KN	

***TIPPING CAPACITY AT RATED PRESSURE

d = 229 ; r = 900



	BODY LENGTH (BL)					OH
	11500	12000	12500			
30	49°	29	46°			150
32	50°	31	48°	30	46°	450
34	51°	33	49°	31	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