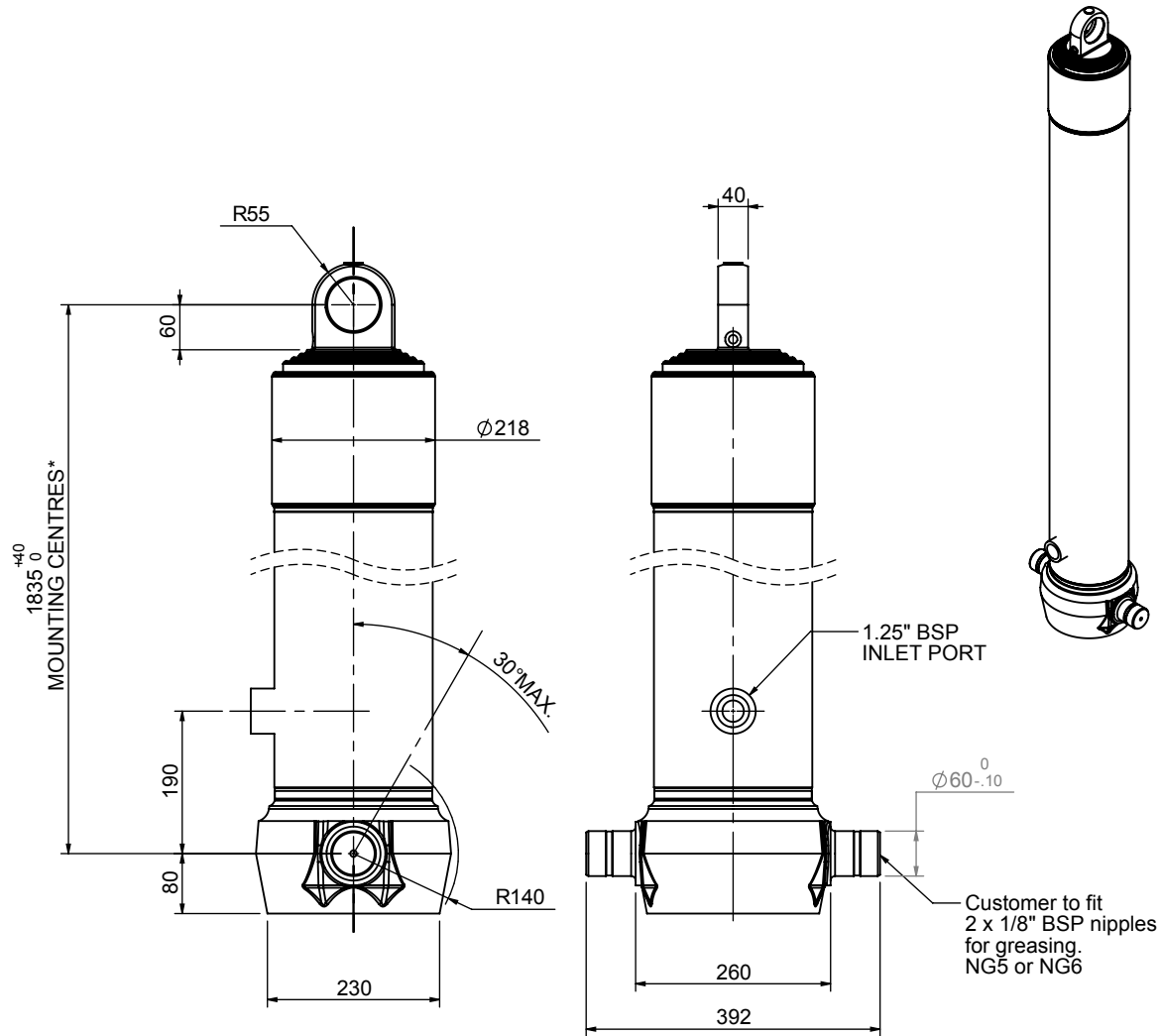


# Cylinder 4 stage front end with plain eye

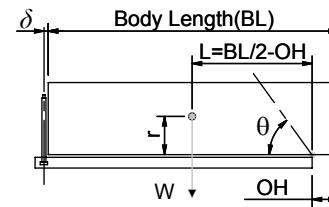


# CS180E46366B19A01

SPECIFICATION		RATED CAPACITY : 45-56 TONNES**		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
-	-	-	-	-
0	211	1825	-	-
1	188	1790	1567	44
2	167	1790	1587	35
3	147	1790	1597	27
4	127	1790	1612	20
Final stroke reduced by	0	Total (+5/-10)	6363	126
Cylinder Mass (Kg)	282.02	Priming Volume	29	
Rated Pressure (Bar)	135	Total Volume (Litres)	155	
Maximum Pressure (Bar)	175	Max. first stage thrust	260 KN	

### \*\*TIPPING CAPACITY AT RATED PRESSURE

d = 0 ; r = 900



	BODY LENGTH (BL)					OH
	8000	8500	9000	9500	10000	
50	49°	47	46°	45	43°	150
54	41°	51	48°	49	44°	450
XX	YY°	56	50°	52	46°	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

\*Includes 9mm Pull Out Last Stage Chrome Plated



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Technical Specifications are subject to change without notice  
 Date Created/Updated: 19 August 2009 11:43:29  
 Refer www.edbro.com to confirm latest specification  
 All dimensions are in 'mm', unless otherwise stated