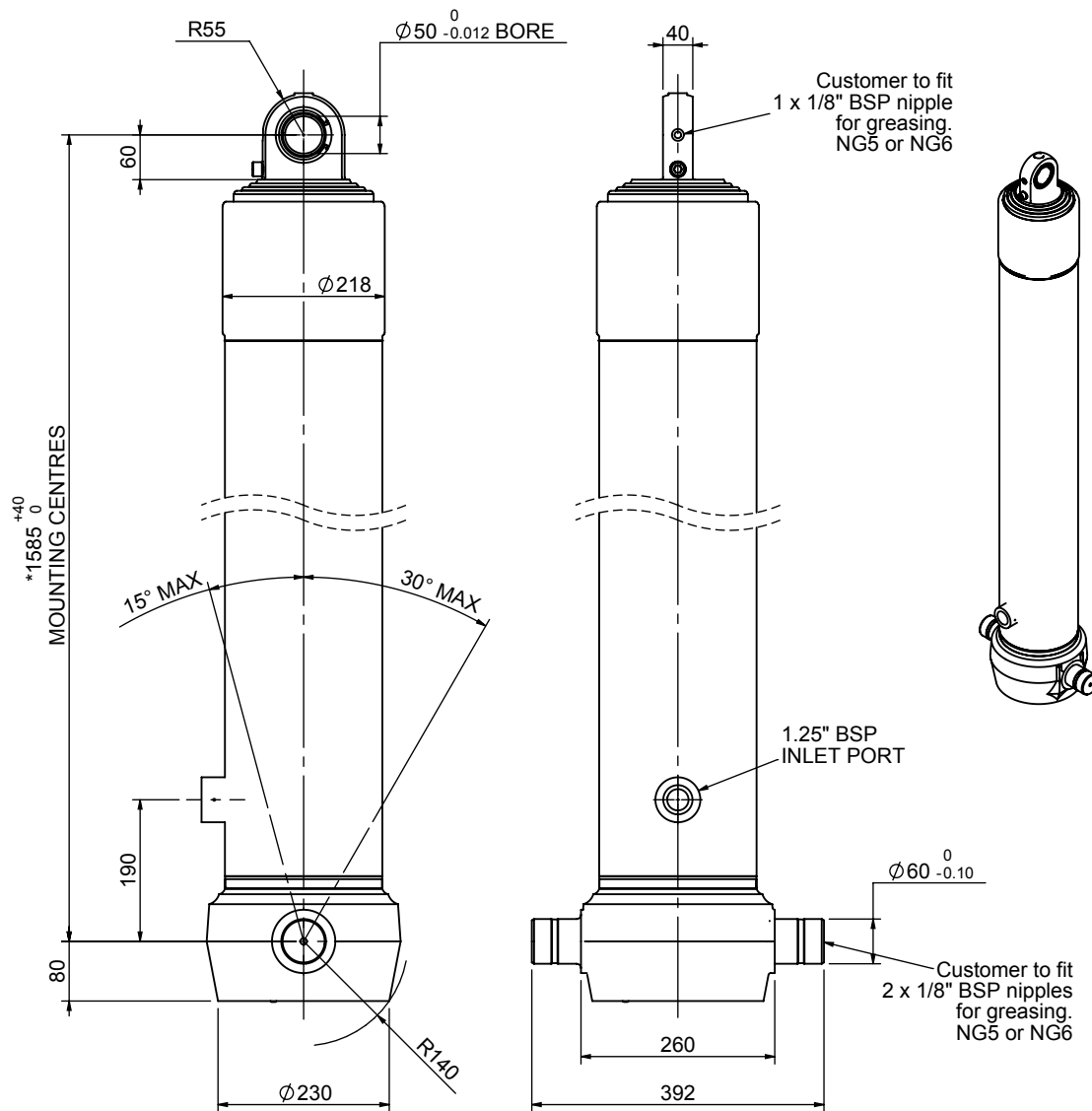


# Cylinder 4 stage front end with spherical eye

CS180S45366B19A01



SPECIFICATION		TIPPING CAPACITY : 44-60 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
-	-	-	-	-
0	211	1575	-	-
1	188	1540	1318	37
2	167	1540	1337	29
3	147	1540	1347	23
4	127	1540	1362	17
Total (+5/-10)			5364	106
Final stroke reduced by	0	Priming Volume		25
Cylinder Mass (Kg)	248	Total Volume (Litres)		131
Maximum Pressure (Bar)	190	Max. first stage thrust		265 KN

\*\*\*TIPPING CAPACITY AT WORKING PRESSURE

Body Length (BL)	BODY LENGTH (BL)					OH
	7000	7500	8000	8500	9000	
49	47°	46	44°	44	41°	150
54	49°	50	46°	48	42°	450
60	52°	55	48°	52	44°	750

d = 0; r = 750; Working Pressure 135 bar  
**For guidance only;**  
 Higher working pressures and tipping capacities may be possible.  
 To check your application email - [applications@edbro.co.uk](mailto:applications@edbro.co.uk)

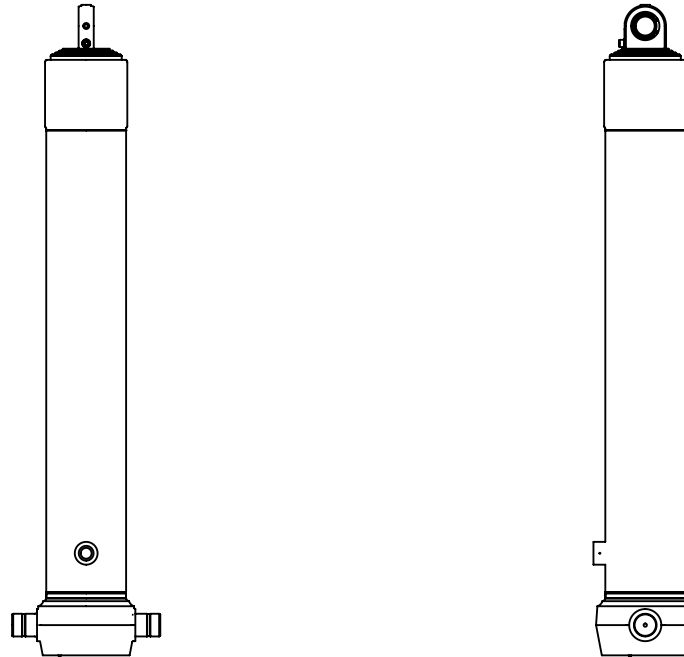
- NOTES**
- This cylinder is for lifting purposes only and side load conditions should be avoided
  - Cylinder is painted in primer paint to RAL5013
  - Refer to [www.edbro.com](http://www.edbro.com) for:-
    - Bracket details
    - Installation instructions that must be observed
    - Correct oil selection
    - An explanation of tipping capacity

\*Includes 9mm Pull Out.  
 Last Stage Chrome Plated



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Technical Specifications are subject to change without notice  
 Date Created/Updated: 24 August 2012  
 Refer [www.edbro.com](http://www.edbro.com) to confirm latest specification  
 All dimensions are in 'mm', unless otherwise stated



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