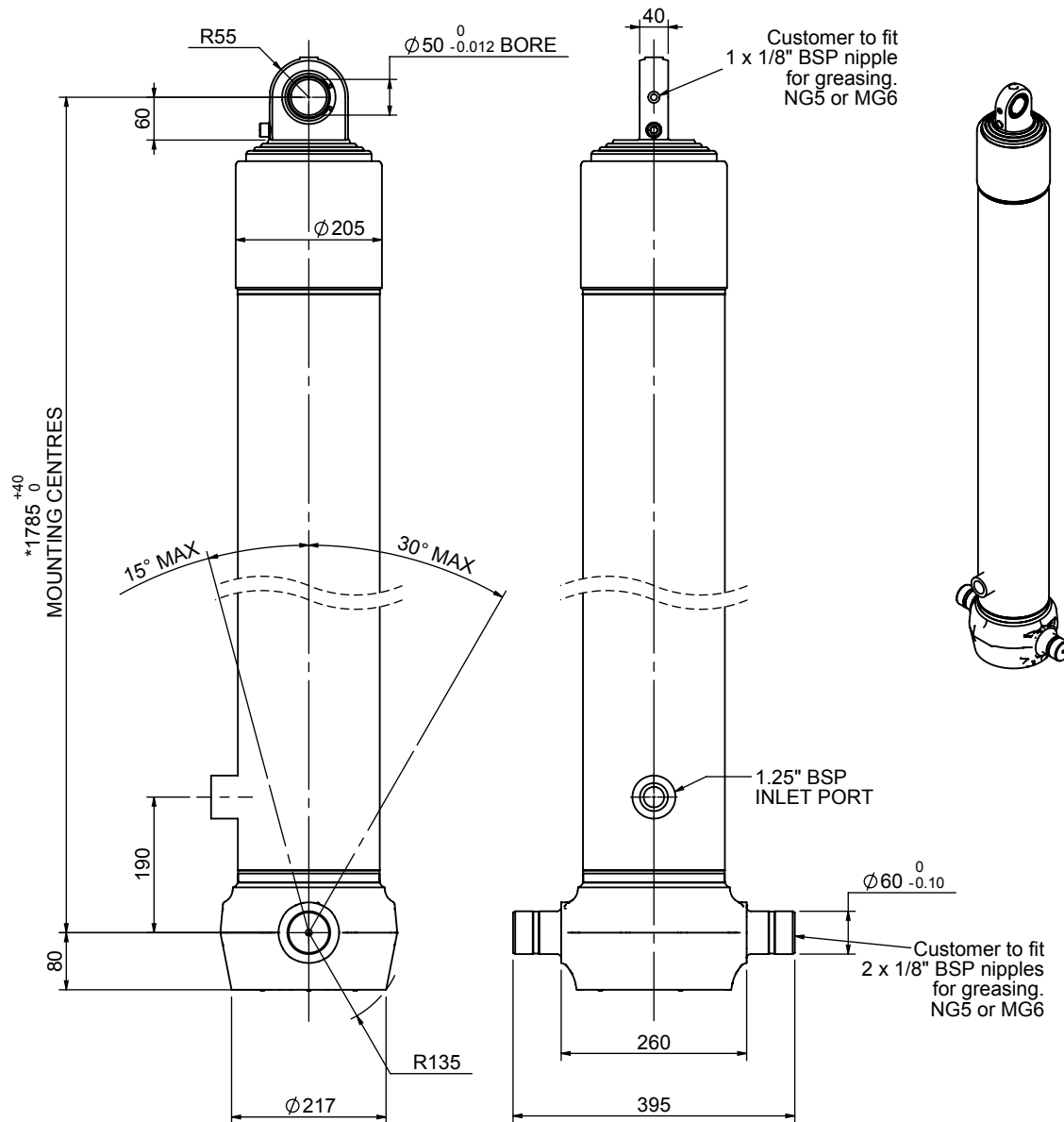


# Cylinder 4 stage front end with spherical eye

CS170S46166B19A01



SPECIFICATION		TIPPING CAPACITY : 40-52 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
-	-	-	-	-
0	199	1775	-	-
1	176	1740	1517	37
2	155	1740	1537	29
3	136	1740	1547	22
4	117	1740	1562	17
Total (+5/-10)			6163	
Final stroke reduced by	0	Priming Volume		25
Cylinder Mass (Kg)	237	Total Volume (Litres)		25
Maximum Pressure (Bar)	190	Max. first stage thrust		265 KN

\*\*\*TIPPING CAPACITY AT WORKING PRESSURE

Body Length (BL)	BODY LENGTH (BL)			OH
	7750	8250	8750	
43	49°	40	46°	150
47	51°	44	48°	41
52	54°	48	50°	45
				46°
				750

$d = 0$ ;  $r = 900$ ; 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)

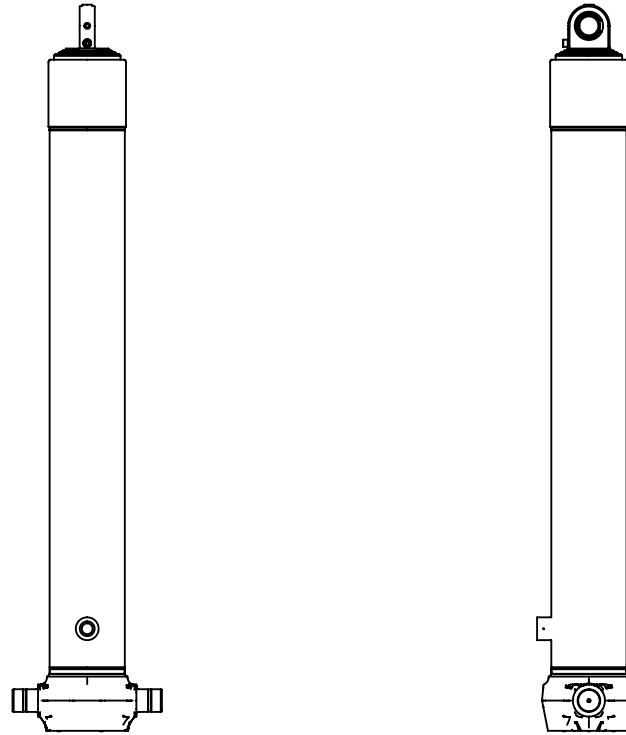
- NOTES**
- This cylinder is for lifting purposes only and side load conditions should be avoided
  - Cylinder is painted in primer paint to RAL5013
  - Refer to [www.edbro.com](http://www.edbro.com) for:-
    - Bracket details
    - Installation instructions that must be observed
    - Correct oil selection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

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



**Edbro plc**  
 Nelson Street, Bolton, England, BL3 2JJ  
 Tel +44 (0) 1204 528888 Fax +44 (0) 1204 531957  
 Email: [postmaster@edbro.com](mailto:postmaster@edbro.com) Web: [www.edbro.com](http://www.edbro.com)

Technical Specifications are subject to change without notice  
 Date Created/Updated: 15 August 2012  
 Refer [www.edbro.com](http://www.edbro.com) to confirm latest specification  
 All dimensions are in 'mm', unless otherwise stated



CS170S46166B19A01