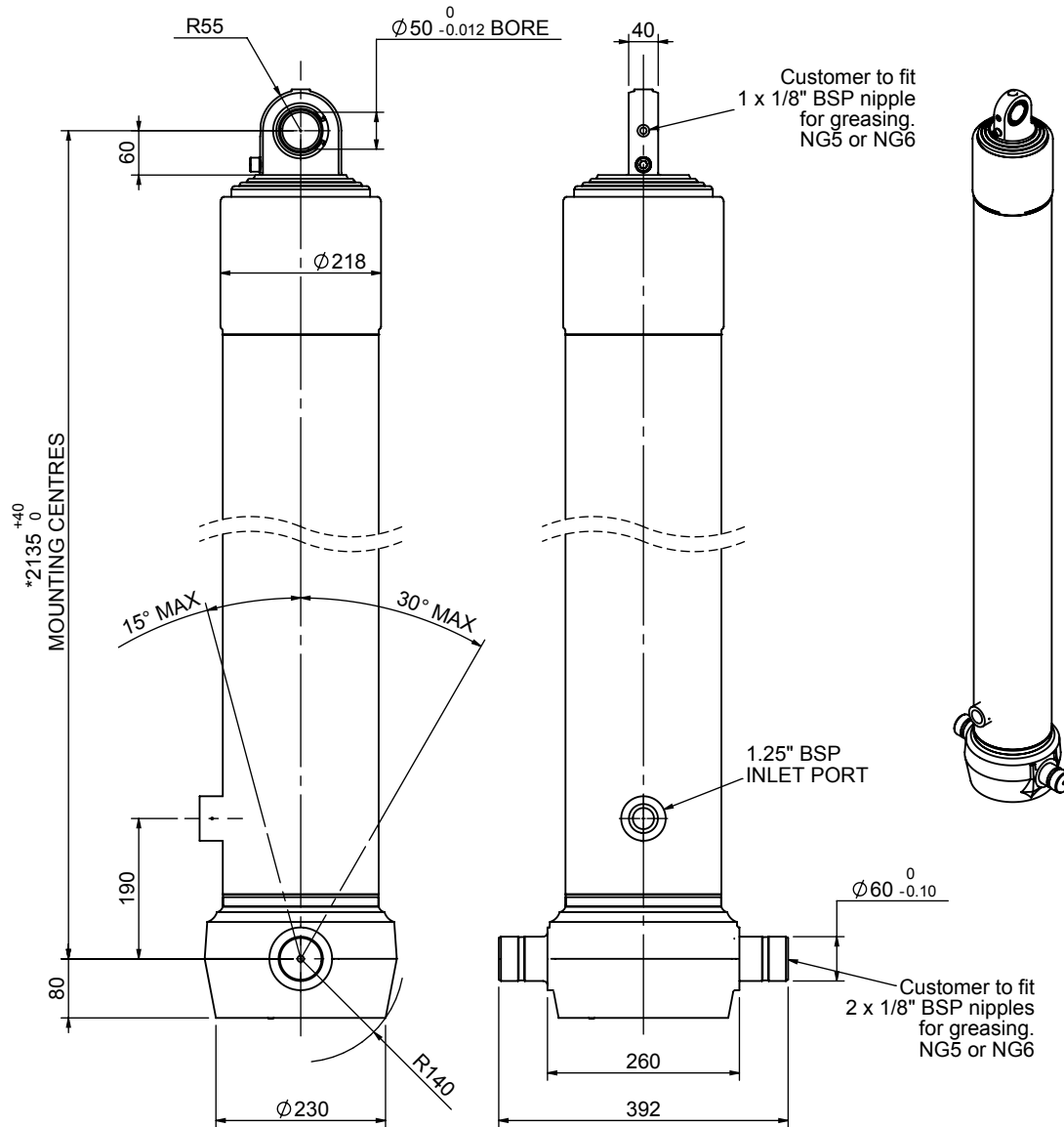


# Cylinder 4 stage front end with spherical eye

CS180S47566B19A01



SPECIFICATION		TIPPING CAPACITY : 29-35 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
-	-	-	-	-
0	211	2125	-	-
1	188	2090	1868	52
2	167	2090	1887	41
3	147	2090	1897	32
4	127	2090	1912	24
Total (+5/-10)			7564	149
Final stroke reduced by	0	Priming Volume		35
Cylinder Mass (Kg)	321	Total Volume (Litres)		184
Maximum Pressure (Bar)	190	Max. first stage thrust		265 KN

\*\*\*TIPPING CAPACITY AT WORKING PRESSURE

BODY LENGTH (BL)						OH
9750		10250		10750		
30	47°	30	45°	29	42°	150
32	49°	31	46°	30	44°	450
35	51°	33	48°	32	45°	750

$d = 0; r = 750; \text{Working Pressure } 90 \text{ bar}$

**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)

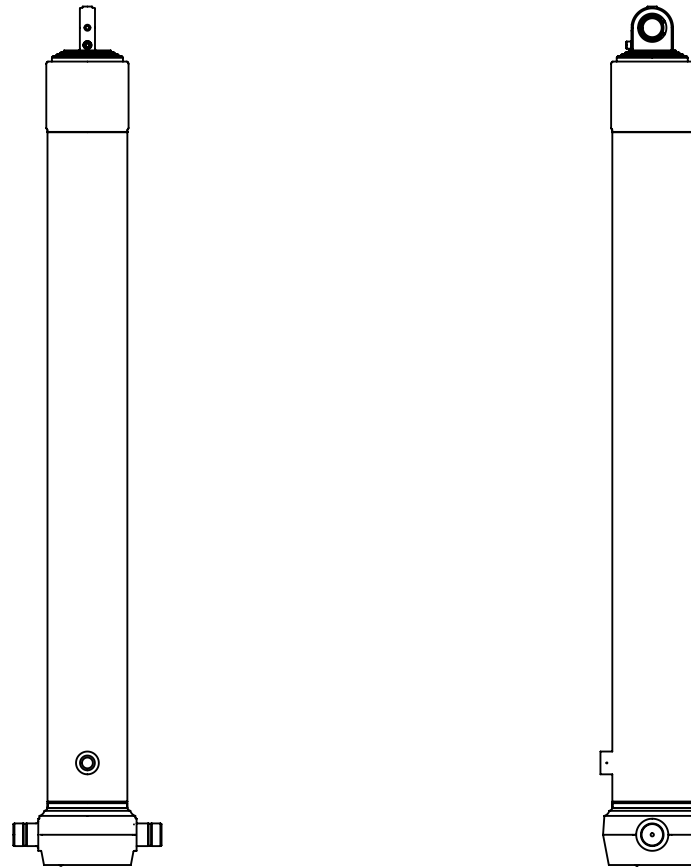
- NOTES**
- This cylinder is for lifting purposes only and side load conditions should be avoided
  - Cylinder is painted in primer paint to RAL5013
  - Refer to [www.edbro.com](http://www.edbro.com) for:-
    - Bracket details
    - Installation instructions that must be observed
    - Correct oil selection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