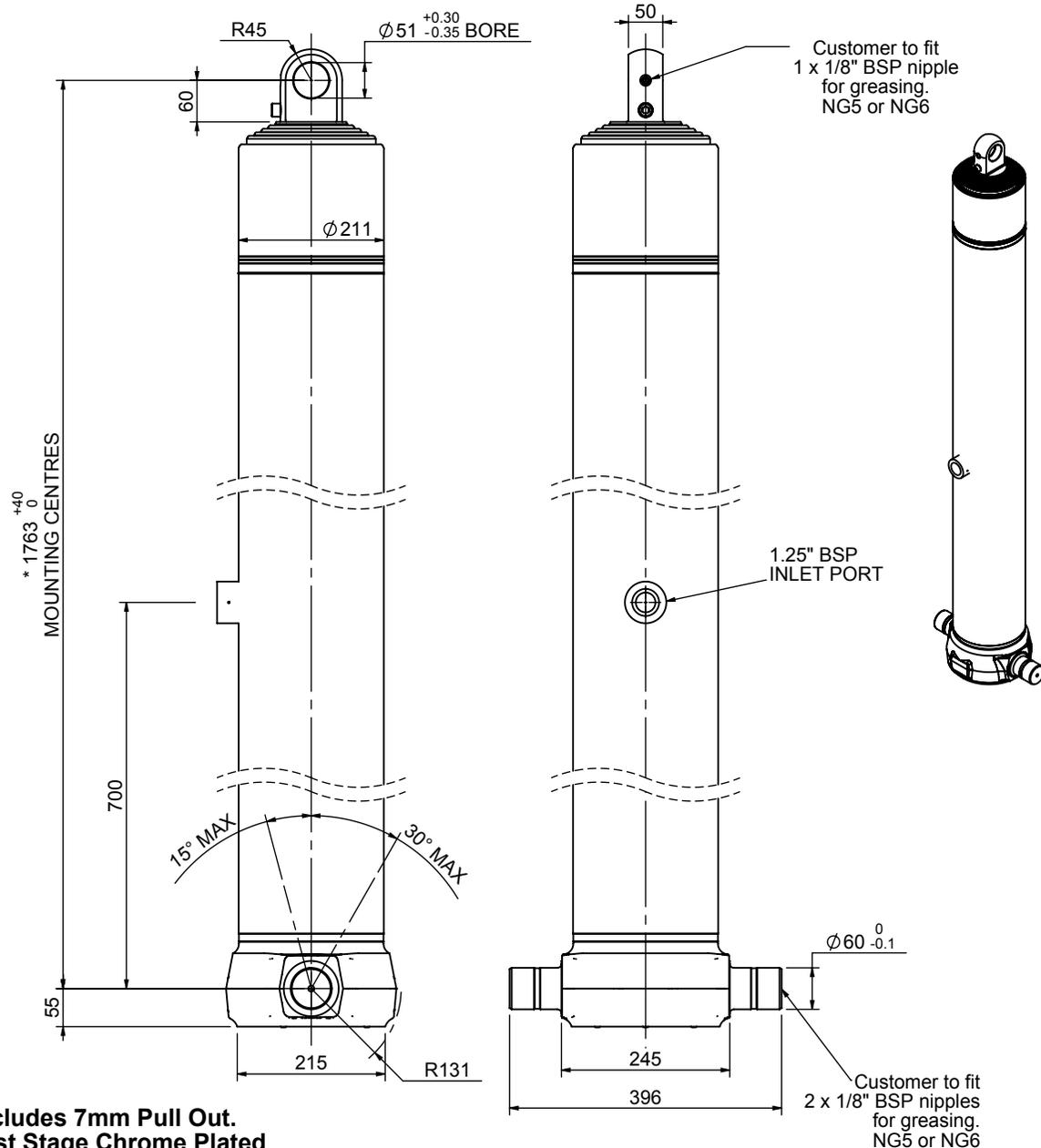


# Cylinder 5 stage front end with plain eye

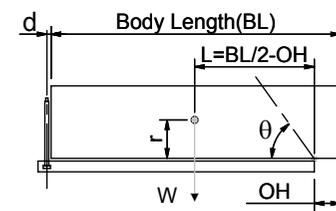
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## SPECIFICATION TIPPING CAPACITY : 28-37 TONNES\*\*\*

Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
0	211	1725	-	-
1	188	1690	1470	41
2	167	1690	1487	33
3	147	1690	1497	25
4	127	1690	1512	19
5	105	1690	1517	13
Total (+5/-10)			7483	131
Final stroke reduced by	0	Priming Volume		24.3
Cylinder Mass (Kg)	285	Total Volume (Litres)		155.3
Maximum Pressure (Bar)	190	Max. first stage thrust		200 KN

## \*\*\*TIPPING CAPACITY AT WORKING PRESSURE



BODY LENGTH (BL)						OH
9250		9750		10250		
31	49°	29	47°	28	44°	150
33	51°	31	48°	30	46°	450
37	53°	34	50°	32	47°	750

$d = 0$ ;  $r = 900$ ; Working Pressure 120 bar  
 Tipping angle ( $\theta$ )  
 Body + payload mass, W (tonne)

**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

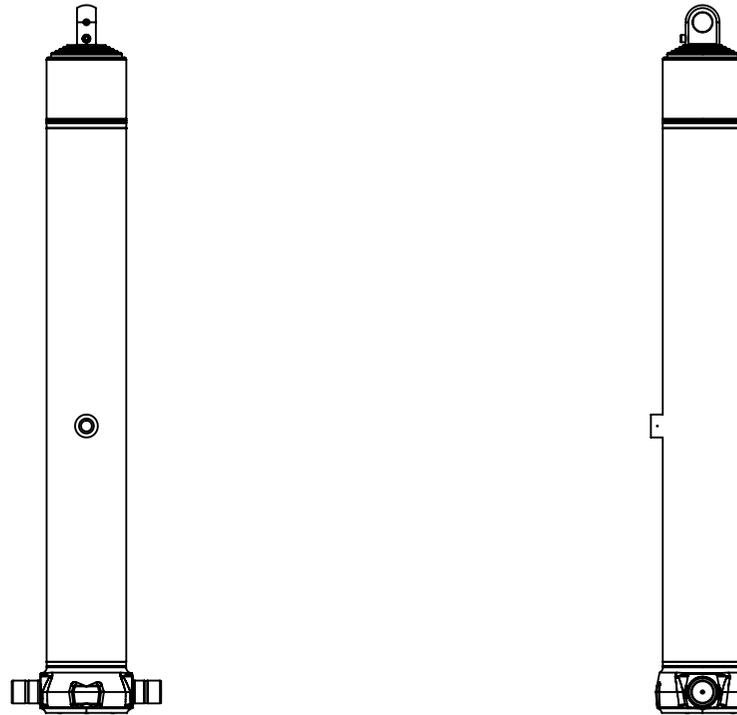
- This cylinder is for lifting purposes only and side load conditions should be avoided
- Cylinder is painted in primer paint to RAL5013
- Refer to [www.edbro.com](http://www.edbro.com) for:-
  - Bracket details
  - Installation instructions that must be observed
  - Correct oil selection
  - An explanation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

\*Includes 7mm Pull Out. Last Stage Chrome Plated



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Technical Specifications are subject to change without notice  
 Date Created/Updated: 14 November 2014  
 Refer [www.edbro.com](http://www.edbro.com) to confirm latest specification  
 All dimensions are in 'mm', unless otherwise stated



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