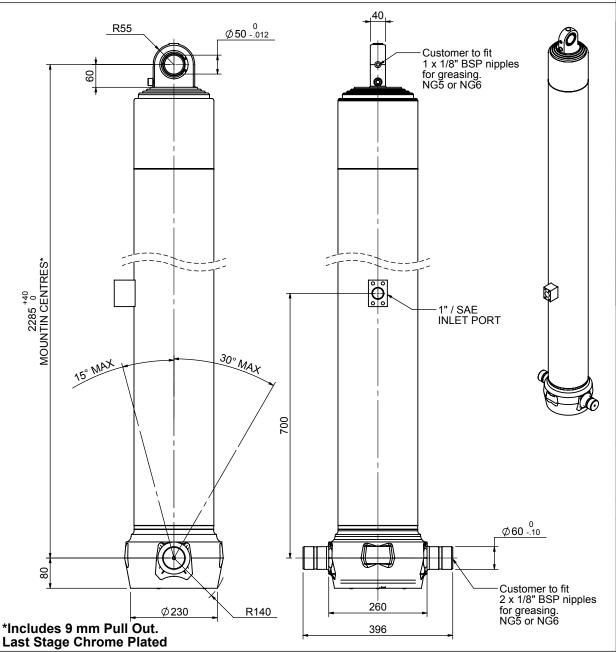
## Cylinder 4 stage front end with spherical eye

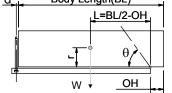


## C\$180\$48166\$70A01

SPECIFICATION	TIPPING CAPACITY: 29-35 TONNES***						
Stage	Diameter	Length	Stroke	Swept Volume			
-	-	-	-	-			
-	-	-	-	-			
0	211	2275	-	-			
1	188	2240	2018	56			
2	167	2240	2037	45			
3	147	2240	2047	35			
4	127	2240	2062	26			
		Total (+5/-10)	8164	162			
Final stroke reduced by	0	Priming Volume		38			
Cylinder Mass (Kg)	339	Total Volum	200				
Maximum Pressure (Bar)	175	Max. first sta	265 KN				

## d\_\_\_\_Body Length(BL) L=BL/2-OH\_

\*\*\*TIPPING CAPACITY AT WORKING PRESSURE



BODY LENGTH (BL)							
105	500	11000		11500		ОН	
31	47°	30	45°	29	43°	150	
33	49°	31	46°	31	44°	450	
35)	(51°)	33	48°	32	45°	750	
7 7							

d = 0; r = 900; Working Pressure 90 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

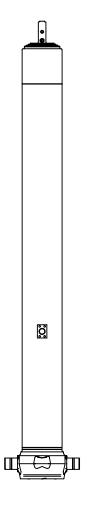
## **NOTES**

- 1. This cylinder is for lifting purposes only and side load conditions should be avoided
- 2. Cylinder is painted in primer paint to RAL5013
- 3. Refer to www.edbro.com for;-
  - Bracket details
  - Installation instructions that must be observed
  - · Correct oil selection
  - An explanation of tipping capacity



Edbro plc

Nelson Street, Bolton, England, BL3 2JJ Tel +44 (0) 1204 528888 Fax +44 (0) 1204 531957 Email: postmaster@edbro.com Web: www.edbro.com Technical Specifications are subject to change without notice Date Created/Updated: 24 November 2014 Refer www.edbro.com to confirm latest specification All dimensions are in 'mm', unless otherwise stated





CS180S48166S70A01



**Edbro plc**Nelson Street, Bolton, Lancashire BL3 2JJ UK
Tel +44 (0) 1204 528888 Fax +44 (0) 1204 531957

Tel +44 (0) 1204 528888 Fax +44 (0) 1204 531957 Email: postmaster@edbro.com Web: www.edbro.com Technical Specifications are subject to change without notice

Date Created/Updated: 24 November 2014 15:55:18

Scale: 1:20