# Cylinder 4 stage front end with spherical eye

# Ø50 -0.012 BORE R55 Customer to fit 1 x 1/8" BSP nipple for greasing. NG5 or NG6 Ø218 1" BSP/SAE INLET PORT \*2235 0 MOUNTING CENTRES 30° MAX Ø60 -0.10 Customer to fit 2 x 1/8" BSP nipples for greasing. NG5 or NG6 260 Ø230 392

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

# SETTING THE INDUSTRY STANDARD

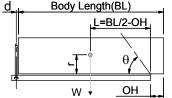
#### Edbro plc

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## CS180S47616S70H01

SPECIFICATION	TIPPING CAPACITY: 30-38 TONNES***							
Stage	Diameter	Length	Stroke	Swept Volume				
-	-	-	-					
-	-	-	-					
0	211	2225	-					
1	188	2190 1968		55				
2	167	2190	1987	44				
3	147	2190	1997	34 21				
4	127	2190	1662					
		Total (+5/-10)	7614	154				
Final stroke reduced by	350	Priming Volume		37				
Cylinder Mass (Kg)	335	Total Volum	191					
Maximum Pressure (Bar)	190	Max. first sta	265 KN					

### \*\*\*TIPPING CAPACITY AT WORKING PRESSURE **BODY LENGTH (BL)**



9250		9750		10250		OH	
	33	51°	31	48°	30	45°	150
	35	53°	33	49°	32	47°	450
	(38)	(55°)	36	51°	34	48°	750

d = 0; r = 750; Working Pressure 90 bar

Tipping angle  $(\theta)$ Body + payload mass,W (tonne)

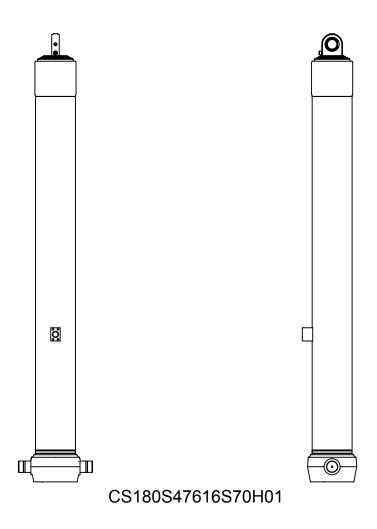
#### For guidance only;

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 pa3. Refer to www.edbro.com for;-Cylinder is painted in primer paint to RAL5013
- - Bracket details
  - Installation instructions that must be observed
  - Correct oil selection
  - An explanation of tipping capacity

Technical Specifications are subject to change without notice Date Created/Updated: 29 August 2012 Refer www.edbro.com to confirm latest specification All dimensions are in 'mm', unless otherwise stated





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Date Created/Updated: 29 August 2012

Scale: 1:20

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