## Cylinder 6 stage front end with plain eye

# R45 Ø51 +0.35 BORE Customer to fit 1 x 1/8" BSP nipple for greasing. NG5 or NG6 Ø229 1.25" BSP **INLET PORT** 130° MAX 414 270 Ø70 -0.10 Customer to fit 2 x 1/8" BSP nipples for greasing. NG5 or NG6 R147 Ø248

#### \*Includes 10mm Pull Out. Last Stage Chrome Plated

# SETTING THE INDUSTRY STANDARD

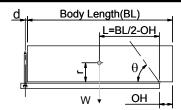
#### Edbro plc

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### CS190E66995B70K02

SPECIFICATION	TII	TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
0	223	1478	-	-
1	198	1440	1204	37
2	176 1440		1227	30
3	155	1440	1237	23
4	136	1440	1247	18
5	117	1440	1262	14
6	98	1465	817	6
		Total (+5/-10)	6994	128
Final stroke reduced by	450	Priming Volume		23
Cylinder Mass (Kg)	290	Total Volu	151	
Maximum Pressure (Bar)	re (Bar) 190 Max. first stage thrust			

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



E	BODY LENGTH (BL)						
8750		9250		9750		ОН	
33	49°	31	46°	30	43°	150	
37	51°	34	48°	32	45°	450	
<b>(41</b> )	(53°)	37	49°	34	46°	750	
$\neg$	$\overline{}$						

Tipping angle  $(\theta)$ 

d = 0; r = 900; Working Pressure 135 bar

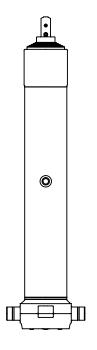
Body + payload mass,W (tonne) For guidance only;

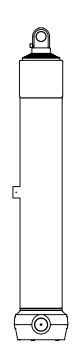
Higher working pressures and tipping capacities may be possible. To check your application email - applications@edbro.co.uk

#### **NOTES**

- 1. This cylinder is for lifting purposes only and side load conditions should be avoided
- 2. Cylinder is painted in primer paint to RAL50133. Refer to www.edbro.com for;-
- - 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: 16 July 2012 Refer www.edbro.com to confirm latest specification All dimensions are in 'mm', unless otherwise stated





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