## Cylinder 3 stage front end with plain eye

# 50 Ø51.3 +.05 8 Ø143 1299 0 MOUNTING CENTRES **INLET PORT** 0 190 Ø60 -.10 9 Customer to fit 190 2 x 1/8" BSP nipples for greasing. NG5 or NG6 320 R98 155

#### \*Include 9mm Pull Out All Stages Fully Chromed

# EGD FO SETTING THE INDUSTRY STANDARD

#### Edbro plc

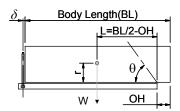
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## CS110E33194B19A01C

SPECIFICATION	RATED CAPACITY: 21-33 TONNES***						
Stage	Diameter	Length	Stroke	Swept Volume			
-	-	-	1	-			
-	-	-	-	-			
-	-	-	-				
0	136	1275	-	- 11 8			
1	117	1240	1054				
2	98	1240	1067				
3	79	1240	1072	5			
Final stroke reduced by	0	Total (+5/-10)	3193	24			
Cylinder Mass (Kg)	72.90	Priming \	8.9				
Rated Pressure (Bar)	150	Total Volum	32.9				
Maximum Pressure (Bar)	175	Max. first sta	130 KN				

#### \*\*\*TIPPING CAPACITY AT RATED PRESSURE

d = 178; r = 750



E	BODY LENGTH (BL)								
4375		4500		4625		ОН			
22	46°	21	44°	21	43°	150			
27	50°	26	48°	25	46°	450			
(XX)	(XX)	33	52°	31	50°	750			
Tipping angle $(\theta)$									

Body + payload mass,W (tonne)

#### For guidance only;

Higher Rated Pressures may be possible. To check your application, email Edbro plc at <applications@edbro.co.uk>

#### NOTES

- If hydraulic pressure is used to limit overloading, the system relief valve must be set to the Rated Pressure unless agreed otherwise by Edbro
- The system relief valve can be set to Maximum Pressure if the load is limited by other means. See RATINGS page for advice
- This cylinder is for lifting purposes only and sideload conditions must be avoided
- Cylinder is painted in primer paint to RAL5013
- See bracket options page BRKT01, BRKT02
- See installation instructions INSTALL01
- Use oil according to specification OIL01

Technical Specifications are subject to change without notice Date Created/Updated: 16 March 2011 10:23:27 Refer www.edbro.com to confirm latest specification All dimensions are in 'mm', unless otherwise stated