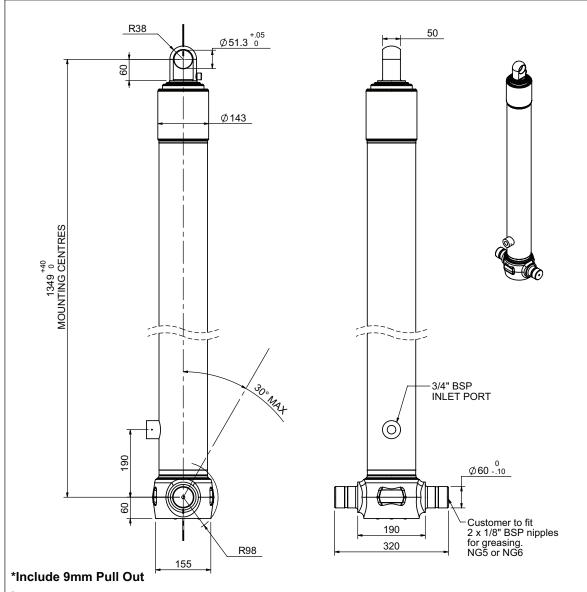
Cylinder 3 stage front end with plain eye



CS110E33344B19A01

SPECIFICATION	RATED CAPACITY: 19-31 TONNES ***						
Stage	Diameter	Length	Stroke	Swept Volume			
-	-	-	-	-			
-	-	-	-	-			
-	-	-	-	-			
0	136	1325	-	- 12			
1	117	1290	1104				
2	98	1290	1117	8			
3	79	1290	1122	6			
Final stroke reduced by	0	Total (+5/-10)	3343	26			
Cylinder Mass (Kg)	75.5	Priming Volume		8.9			
Rated Pressure (Bar)	135	Total Volum	34.9				
Maximum Pressure (Bar)	175	Max. first sta	130 KN				

***TIPPING CAPACITY AT RATED PRESSURE

ОН

Body Length(BL) L=BL/2-OH

W

BODY LENGTH (BL)						ОН
45	00	4625		4750		ОП
20	46°	19	45°	19	44°	150
24	50°	23	48°	22	47°	450
(31)	(55°)	29	53°	27	51°	750

Tipping angle (θ) Body + payload mass,W (tonne)

For quidance only:

d = 178 ; r = 750

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: 07 April 2011 16:42:23 Refer www.edbro.com to confirm latest specification All dimensions are in 'mm', unless otherwise stated



Nelson Street, Bolton, Lancashire BL3 2JJ UK Tel +44 (0) 1204 528888 Fax +44 (0) 1204 531957 Email: postmaster@edbro.com Web: www.edbro.com