Cylinder 5 stage front end with plain eye

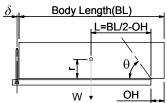
Ø**51** -.012 R45 Ø218 1892 0 MOUNTING CENTRES* 1.25" BSP INLET PORT 190 Ø60 -.10 Customer to fit 2 x 1/8" BSP nipples R140 for greasing. NG5 or NG6 230 260 *Includes 9mm Pull Out 392 **Last Stage Chrome Plated**

CS180E58233B19A01

SPECIFICATION	RATED CAPACITY: 27-31 TONNES**						
Stage	Diameter	Length	Stroke	Swept Volume			
-	-	-	-	-			
0	211	1875	-	-			
1	188	1840	1617	45			
2	167	1840	1637	36			
3	147	1840	1647	28			
4	127	1840	1662	21			
5	105	1840	1667	14			
Final stroke reduced by	0	Total (+5/-10)	8230	144			
Cylinder Mass (Kg)	319.95	Priming Volume		25			
Rated Pressure (Bar)	110	Total Volume	169				
Maximum Pressure (Bar)	175	Max. first stag	260 KN				

**TIPPING CAPACITY AT RATED PRESSURE

d = 0 ; r = 900



I	BODY LENGTH (BL)								
10	500	11000		11500		ОН			
27	48°					150			
29	49°	27	47°			450			
(31)	(51°)	29	48°	28	46°	750			
Tipping angle (θ)									

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



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