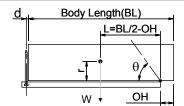
Cylinder 4 stage with double acting 4th stage

ALLOW 50mm TO REMOVE CAP FOR SERVICING 1/2" BSP RETRACT PORT **CUSTOMER TO CUT ACCESS HOLE IN CAP AS REQUIRED *'Edbr*o 406 279 Ø60 -0.10 *345 0 MOUNTING CENTRES Customer to fit 2 x 1/8" BSP nipples for greasing. NG5 or NG6 3/4" BSP **INLET PORT** Ø 60 -0.10 60 Customer to fit 2 x 1/8" BSP nipples for greasing. 190 NG5 or NG6 Ø176 R106 320 *Includes 14mm Pull Out.

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SPECIFICATION	TIPPING CAPACITY :28-43 TONNES***			
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	213	905	-	-
0	155	1225	-	-
1	136	1190	983	14
2	117	1190	1012	11
3	98	1190	1017	8
4R	87	1190	949	-
4	79	1190	949	5
		Total (+5/-10)	3961	38
Final stroke reduced by	0	Priming Volume		10
Cylinder Mass (Kg)	155	Total Volume (Litres)		48
Maximum Pressure (Bar)	150	Max. first stage thrust		170 KN

***TIPPING CAPACITY AT WORKING PRESSURE



4900 5150 5400	OH
-1000 0100 0 1 00	ОН
31 48° 29 45° 28 43° 1	150
38 51° 34 48° 32 46° 4	450
(43)(52°) 39 49° 7	750

d = 178; r = 750; Working Pressure 150 bar

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

Retract force @ Stage 4 = 15.65kN @150bar maximum pressure

NOTES

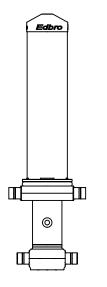
- 1. This cylinder is for lifting purposes only and side load conditions should be
- Cylinder is painted in primer paint to RAL5013
- Refer to www.edbro.com for:-
 - Bracket details
 - Installation instructions that must be observed
 - Correct oil selection
- An explanation of tipping capacity
 This cylinder is typically for intermittent use in vacuum tanker applications. Refer to Edbro for other uses.



Edbro plc

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

Technical Specifications are subject to change without notice Date Created/Updated: 12 June 2014 Refer www.edbro.com to confirm latest specification All dimensions are in 'mm', unless otherwise stated





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