Cylinder 5 stage front end with outer cover

CS18L059233N25A16

** ALLOW 50mm TO REMOVE CAP FOR SERVICING

***Includes 7mm Pull Out.**

SPECIFICATION		TIPPING CAPACITY : 26-31 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	910	-	-
0	211	2075	-	-
1	188	2040	1820	51
2	167	2040	1837	40
3	147	2040	1847	31
4	127	2040	1862	24
5	105	2040	1867	16
		Total (+5/-10)	9233	162
Final stroke reduced by	0	Priming Volume		29.8
Cylinder Mass (Kg)	397	Total Volume (Litres)		191.8
Maximum Pressure (Bar)	190	Max. first stage thrust		200 KN

***TIPPING CAPACITY AT WORKING PRESSURE

BODY LENGTH (BL)						OH
11500		12000		12500		
27	47°	26	45°	26	43°	150
29	49°	28	47°	27	45°	450
31	50°	29	48°	28	46°	750

Tipping angle (θ)

Body + payload mass,W (tonne)

d = 229; r = 900; Working Pressure 110 bar

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 RAL5013
3. Refer to www.edbro.com for;-
   - Bracket details
   - Installation instructions that must be observed
   - Correct oil selection
   - An explanation of tipping capacity

Edbro
SETTING THE INDUSTRY STANDARD

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: 14 November 2014
Refer www.edbro.com to confirm latest specification
All dimensions are in 'mm', unless otherwise stated

Cylinder Outline Drawing

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Edbro plc
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Date Created/Updated: 14 November 2014

Scale: 1:20