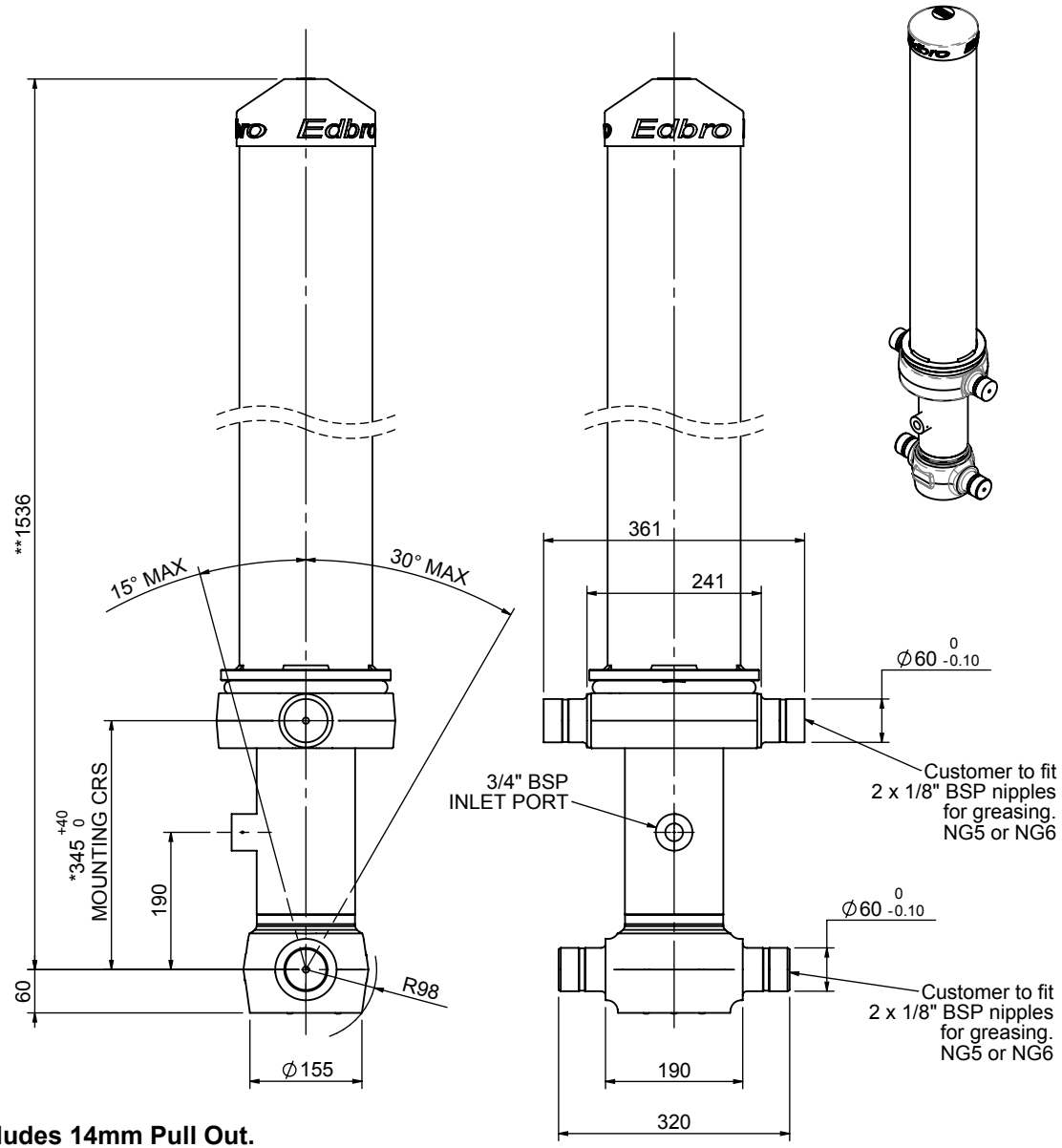
Cylinder 4 stage front end with outer cover

CS110045071B19A11

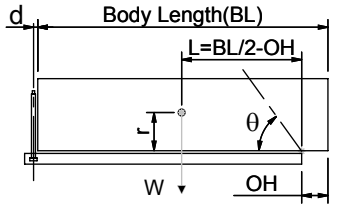
****ALLOW 50mm TO REMOVE CAP FOR SERVICING**



***Includes 14mm Pull Out.**

SPECIFICATION		TIPPING CAPACITY : 16-23 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
OUTER COVER	184	1140	-	-
0	136	1475	-	-
1	117	1440	1249	13
2	98	1440	1267	10
3	79	1440	1272	6
4	63	1440	1277	4
		Total (+5/-10)	5065	33
Final stroke reduced by	0	Priming Volume		10
Cylinder Mass (Kg)	133	Total Volume (Litres)		43
Maximum Pressure (Bar)	190	Max. first stage thrust		130 KN

***TIPPING CAPACITY AT WORKING PRESSURE



BODY LENGTH (BL)						OH
6250		6500		6750		
17	48°	16	46°	16	44°	150
19	51°	18	48°	18	46°	450
23	53°	21	51°	20	49°	750

Tipping angle (θ)

Body + payload mass,W (tonne)

d = 178; r = 750; Working Pressure 175 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

Cylinder Outline Drawing

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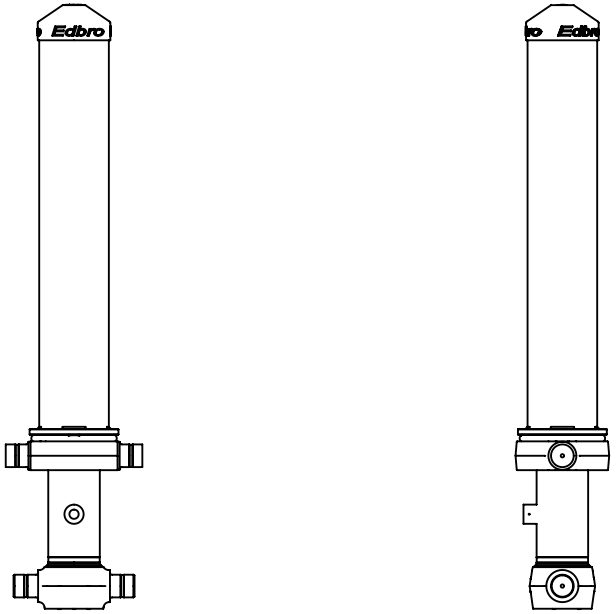

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Edbro plc
Nelson Street, Bolton, Lancashire BL3 2JJ UK
Tel +44 (0) 1204 528888 Fax +44 (0) 1204 531957
Email: postmaster@edbro.com Web: www.edbro.com

Technical Specifications are subject to change without notice

Date Created/Updated: 17 July 2012

Scale: 1:20