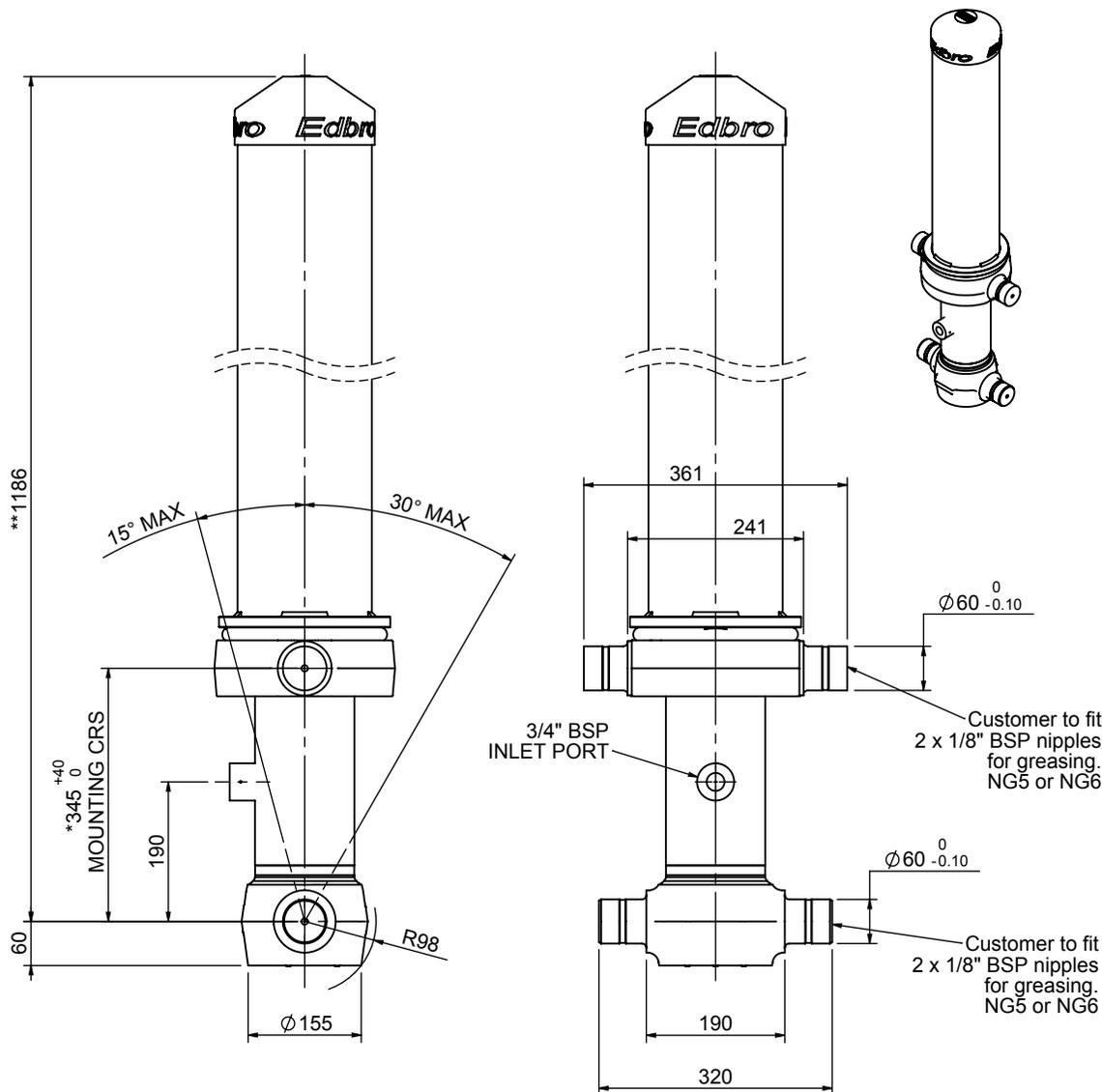


# Cylinder 4 stage front end with outer cover

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

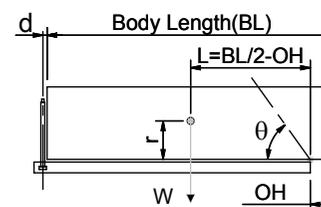


\*Includes 14mm Pull Out.

## CS110043671B19A11

SPECIFICATION		TIPPING CAPACITY : 17-30 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
OUTER COVER	184	790	-	-
0	136	1125	-	-
1	117	1090	899	10
2	98	1090	917	7
3	79	1090	922	5
4	63	1090	927	3
Total (+5/-10)			3665	25
Final stroke reduced by	0	Priming Volume		7
Cylinder Mass (Kg)	107	Total Volume (Litres)		32
Maximum Pressure (Bar)	190	Max. first stage thrust		130 KN

### \*\*\*TIPPING CAPACITY AT WORKING PRESSURE



BODY LENGTH (BL)						OH
4700	4950	5200				
18	46°	17	44°	17	41°	150
22	49°	21	47°	19	44°	450
30	53°	26	50°	23	47°	750

$d = 178$ ;  $r = 750$ ; Working Pressure 175 bar

Tipping angle ( $\theta$ )

Body + payload mass, W (tonne)

### For guidance only;

Higher working pressures and tipping capacities may be possible.

To check your application email - [applications@edbro.co.uk](mailto:applications@edbro.co.uk)

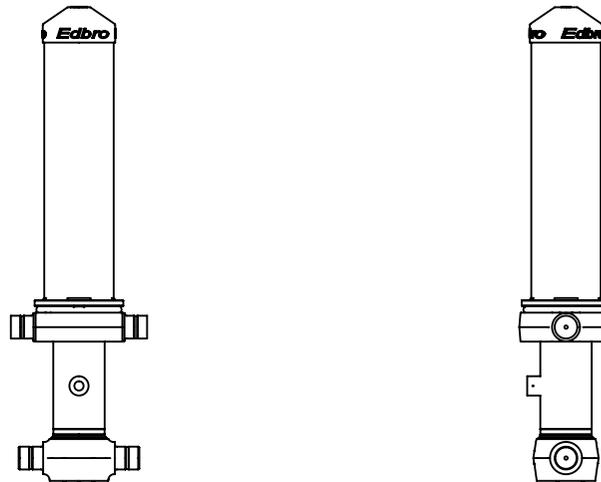
### NOTES

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](http://www.edbro.com) for;-
  - Bracket details
  - Installation instructions that must be observed
  - Correct oil selection
  - An explanation of tipping capacity

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Technical Specifications are subject to change without notice  
Date Created/Updated: 17 July 2012  
Refer [www.edbro.com](http://www.edbro.com) to confirm latest specification  
All dimensions are in 'mm', unless otherwise stated



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