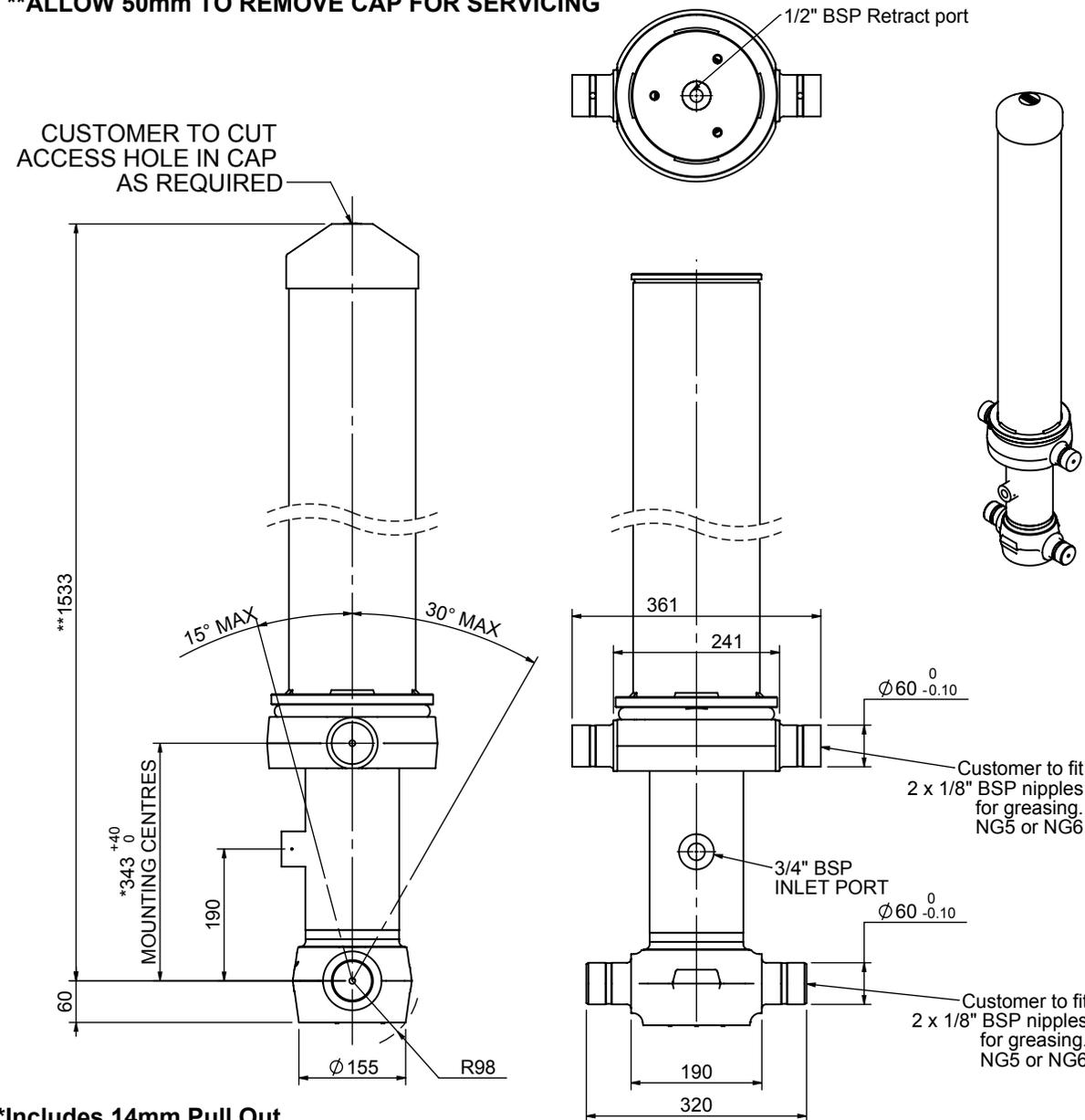


# Cylinder 3 stage with double acting final stage

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



\*Includes 14mm Pull Out.

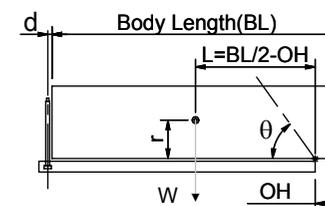
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### SPECIFICATION

TIPPING CAPACITY : 23-33 TONNES\*\*\*

Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
OUTER COVER	184	1135	-	-
0	136	1475	-	-
1	117	1440	1249	13
2	98	1440	1267	10
3R	87	1440	1199	-
3	79	1440	1199	6
Total (+5/-10)			3715	29
Final stroke reduced by	0	Priming Volume		10
Cylinder Mass (Kg)	132	Total Volume (Litres)		39
Maximum Pressure (Bar)	150	Max. first stage thrust		130 KN

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



BODY LENGTH (BL)						OH
5000	5125	5250	5375	5500	5625	
24	44°	24	43°	23	41°	150
28	47°	27	45°	26	44°	450
		33	49°	31	47°	750

d = 178; r = 750; Working Pressure 135 bar

Tipping angle ( $\theta$ )  
Body + payload mass, W (tonne)

Retract force @ Stage 3 = 15.65kN @150bar maximum pressure

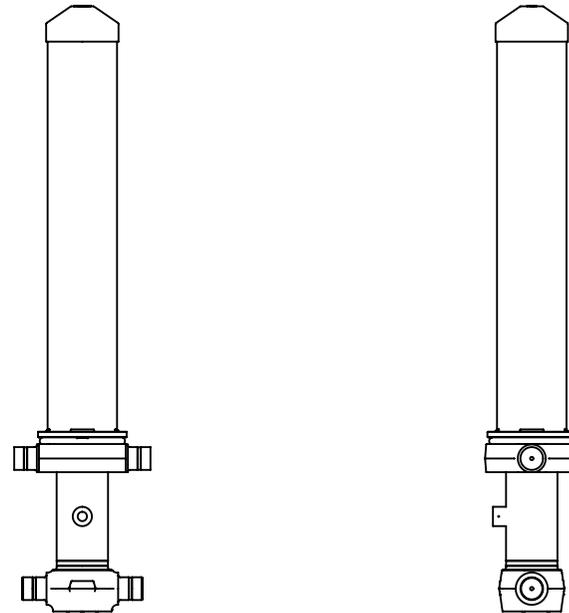
### NOTES

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
4. This cylinder is typically for intermittent use in vacuum tanker applications. Refer to Edbro for other uses.



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Technical Specifications are subject to change without notice  
 Date Created/Updated: 10 June 2014  
 Refer [www.edbro.com](http://www.edbro.com) to confirm latest specification  
 All dimensions are in 'mm', unless otherwise stated



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