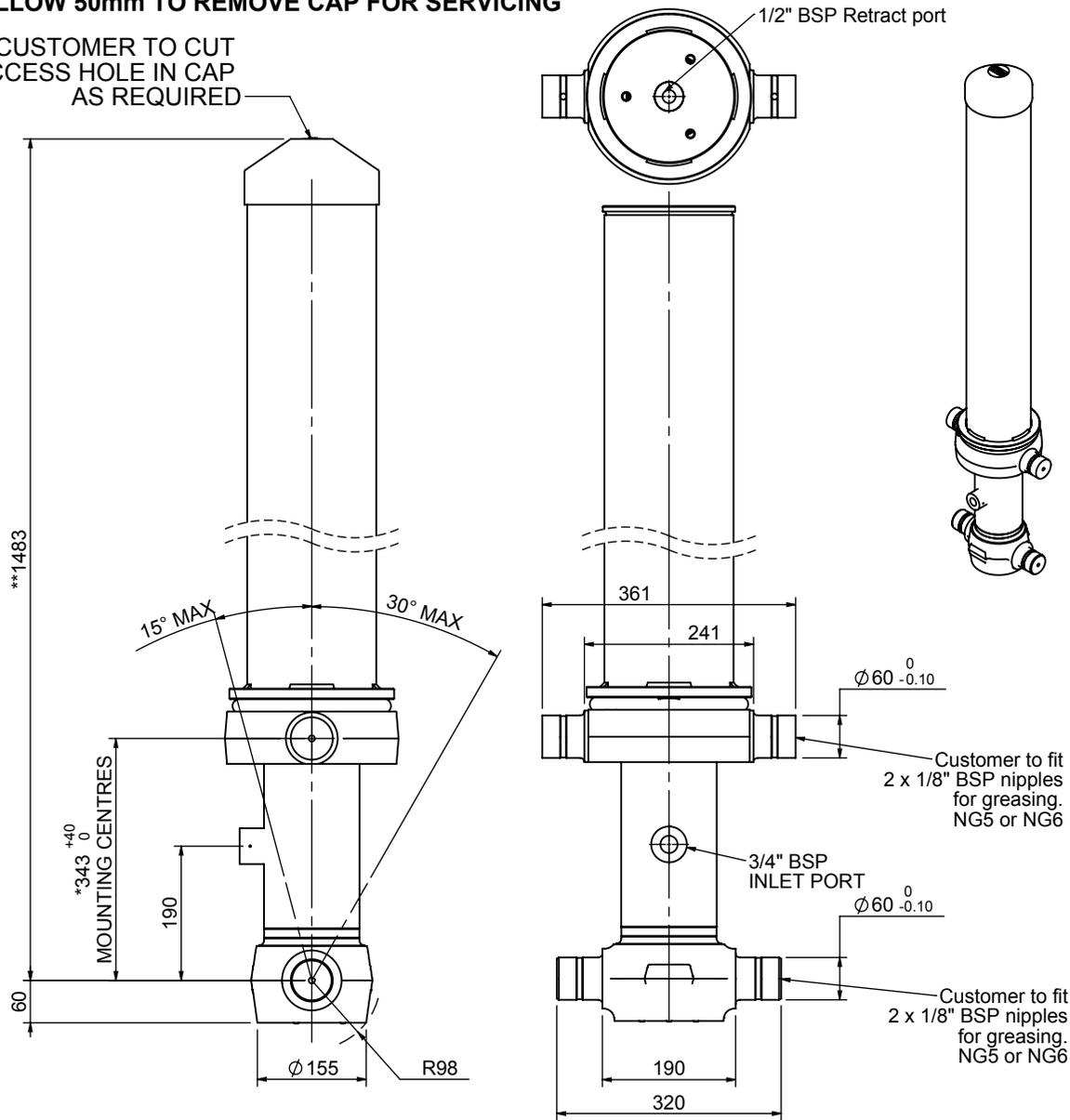


# Cylinder 3 stage with double acting final stage

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

CUSTOMER TO CUT ACCESS HOLE IN CAP AS REQUIRED

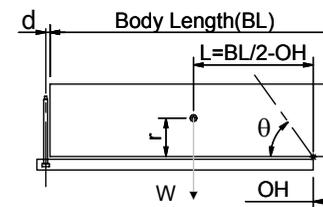


\*Includes 14mm Pull Out.FALSE

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SPECIFICATION		TIPPING CAPACITY : 23-33 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
OUTER COVER	184	1085	-	-
0	136	1425	-	-
1	117	1390	1199	13
2	98	1390	1217	9
3R	87	1390	1149	-
3	79	1390	1149	6
Total (+5/-10)			3565	28
Final stroke reduced by	0	Priming Volume		10
Cylinder Mass (Kg)	129	Total Volume (Litres)		38
Maximum Pressure (Bar)	150	Max. first stage thrust		130 KN

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



BODY LENGTH (BL)						OH
4850		4975		5100		
24	43°	24	42°	23	41°	150
28	46°	27	45°	27	44°	450
		33	48°	32	47°	750

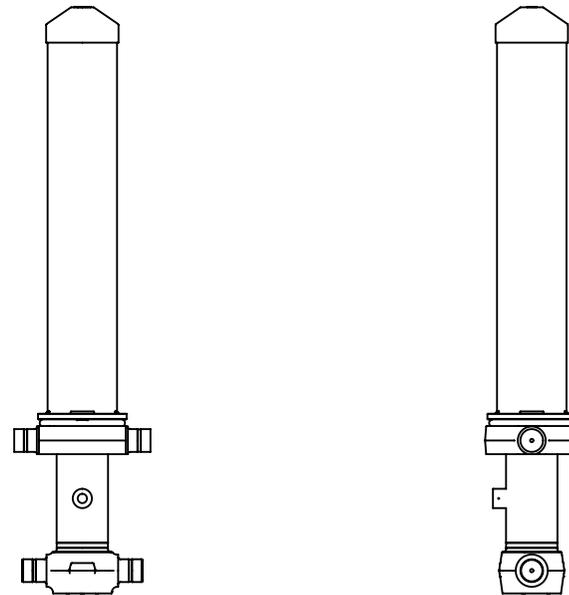
d = 178; r = 750; Working Pressure 135 bar

Tipping angle (θ)  
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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