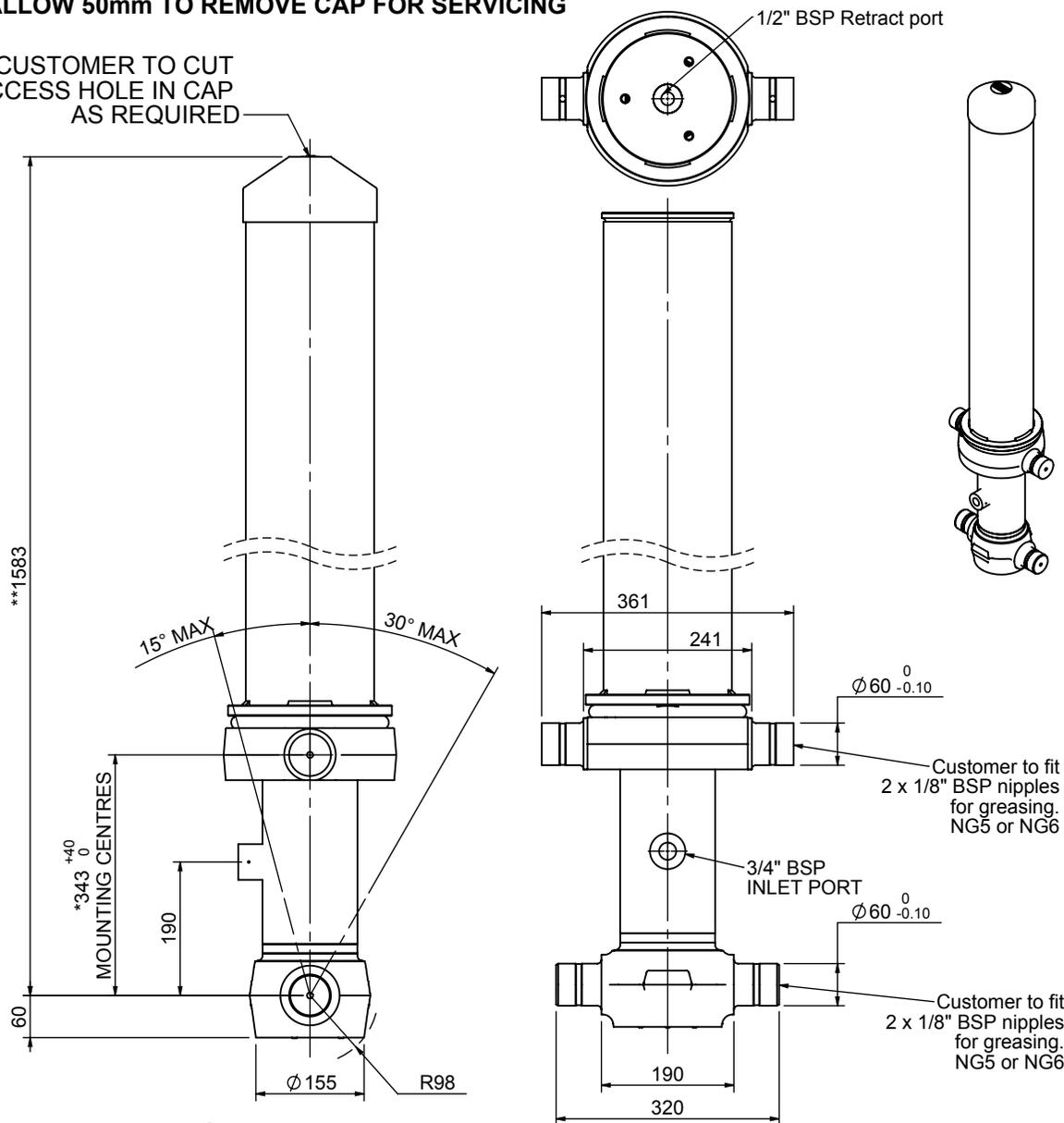


Cylinder 3 stage with double acting final stage

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

CUSTOMER TO CUT ACCESS HOLE IN CAP AS REQUIRED

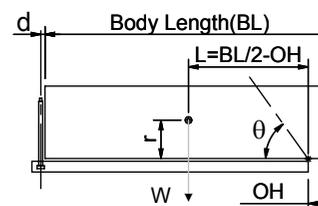


*Includes 14mm Pull Out.

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SPECIFICATION		TIPPING CAPACITY : 23-34 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
OUTER COVER	184	1185	-	-
0	136	1525	-	-
1	117	1490	1299	14
2	98	1490	1317	10
3R	87	1490	1249	-
3	79	1490	1249	6
Total (+5/-10)			3865	30
Final stroke reduced by	0	Priming Volume		10
Cylinder Mass (Kg)	135	Total Volume (Litres)		40
Maximum Pressure (Bar)	150	Max. first stage thrust		130 KN

***TIPPING CAPACITY AT WORKING PRESSURE



BODY LENGTH (BL)						OH
5150		5275		5400		
24	44°	23	43°	23	42°	150
28	47°	27	46°	26	45°	450
34	50°	32	49°	31	48°	750

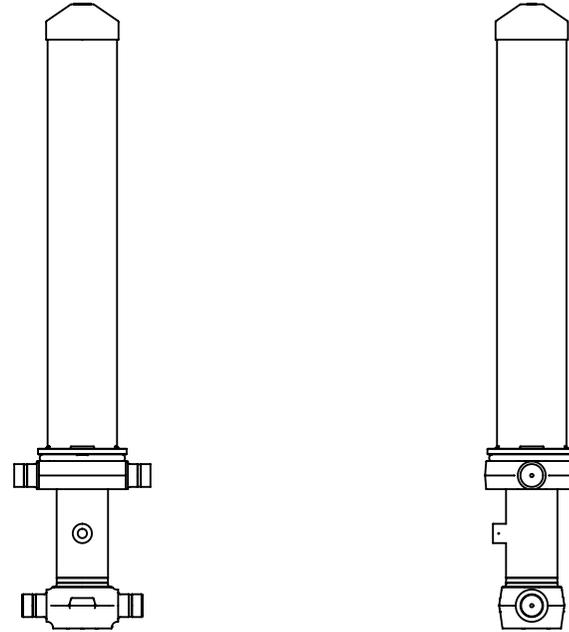
$d = 178; r = 750; \text{Working Pressure } 135 \text{ bar}$

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 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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