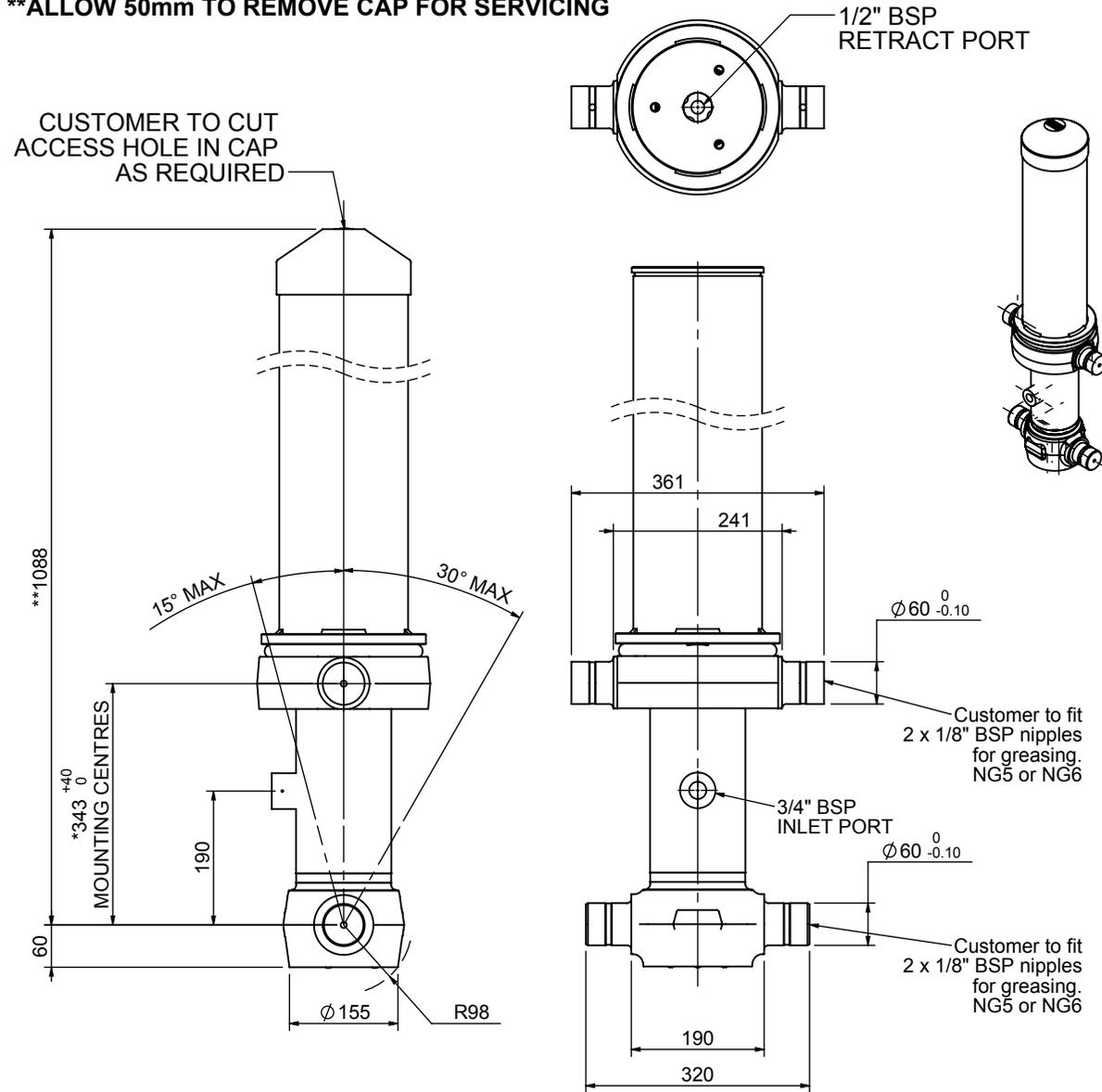


Cylinder 4 stage with double acting last stage

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



***Includes 14mm Pull Out.**

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SPECIFICATION		TIPPING CAPACITY :19-34 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	184	690	-	-
0	136	1025	-	-
1	117	990	799	9
2	98	990	817	6
3	79	990	822	4
4R	71	990	764	-
4	63	990	764	2
Total (+5/-10)			3202	21
Final stroke reduced by	0	Priming Volume		6
Cylinder Mass (Kg)	108	Total Volume (Litres)		27
Maximum Pressure (Bar)	150	Max. first stage thrust		130 KN

***TIPPING CAPACITY AT WORKING PRESSURE

Body Length (BL)		BODY LENGTH (BL)			OH	
4400	4550	4700				
20	43°	19	41°	19	40°	150
25	46°	23	44°	22	43°	450
34	50°	31	48°	28	46°	750

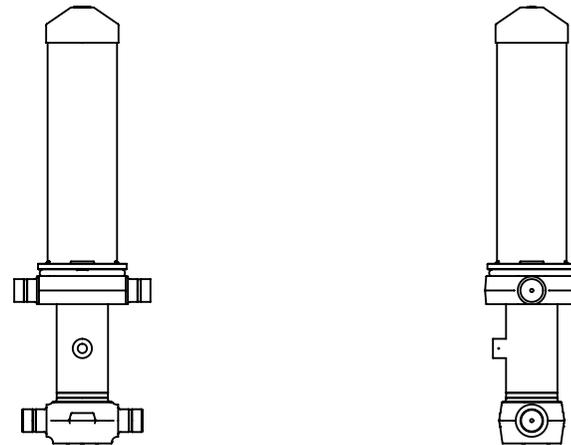
$d = 178; r = 750; \text{Working Pressure } 150 \text{ bar}$

Tipping angle (θ)
Body + payload mass, W (tonne)

Retract force @ Stage 4 = 12.6kN @150bar maximum pressure

NOTES

- This cylinder is for lifting purposes only and side load conditions should be avoided
- Cylinder is painted in primer paint to RAL5013
- Refer to www.edbro.com for:-
 - Bracket details
 - Installation instructions that must be observed
 - Correct oil selection
 - An explanation of tipping capacity
- This cylinder is typically for intermittent use in vacuum tanker applications. Refer to Edbro for other uses.



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