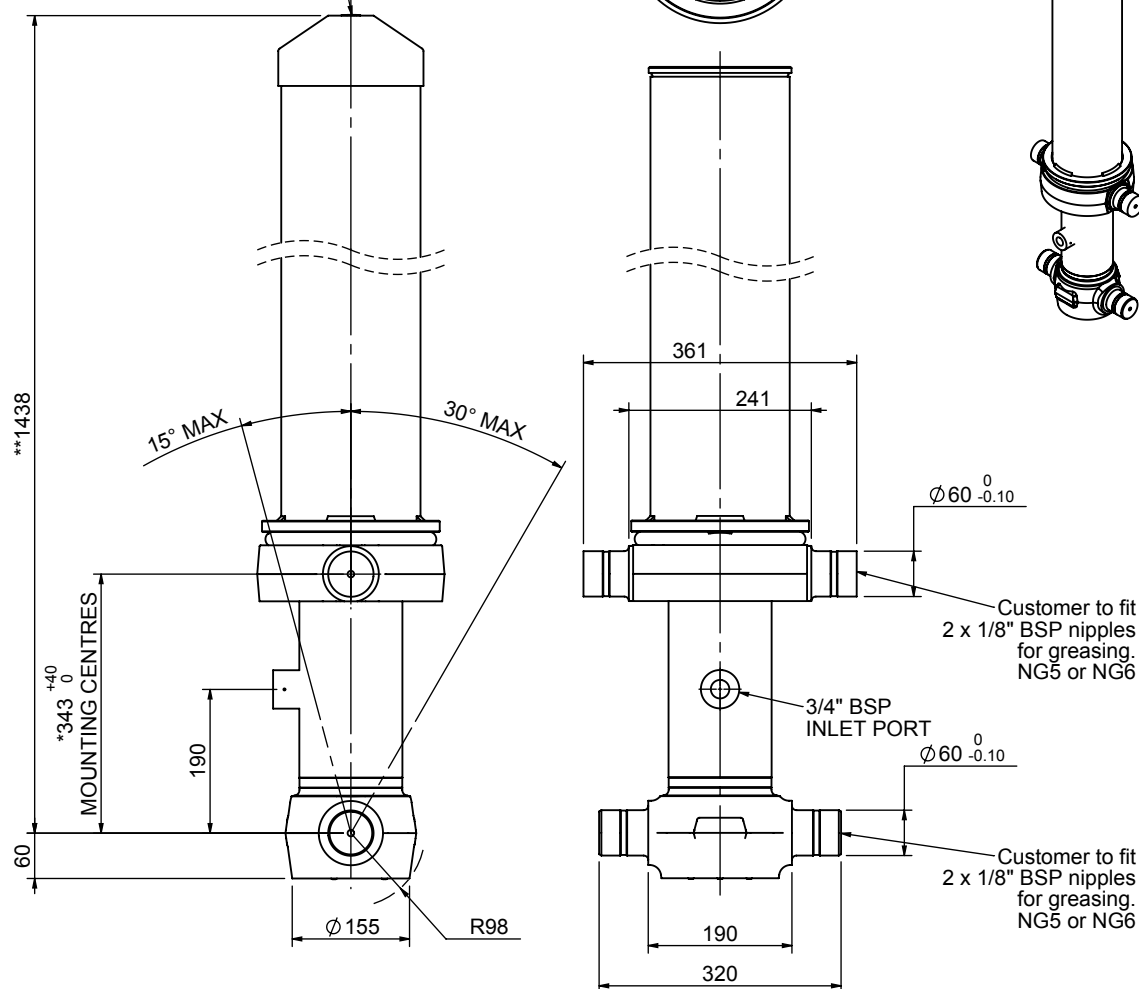


Cylinder 4 stage with double acting last stage

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

CUSTOMER TO CUT
ACCESS HOLE IN CAP
AS REQUIRED

1/2" BSP
RETRACT PORT



***Includes 14mm Pull Out.**

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SPECIFICATION

TIPPING CAPACITY :18-27 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	184	1040	-	-
0	136	1375	-	-
1	117	1340	1149	12
2	98	1340	1167	9
3	79	1340	1172	6
4R	71	1068	842	-
4	63	1068	842	3
Total (+5/-10)			4330	30
Final stroke reduced by	0	Priming Volume		9
Cylinder Mass (Kg)	127	Total Volume (Litres)		39
Maximum Pressure (Bar)	150	Max. first stage thrust		130 KN

***TIPPING CAPACITY AT WORKING PRESSURE

Body Length(BL)		BODY LENGTH (BL)				OH
		5750	6000	6250		
19	47°	18	45°	18	43°	150
22	50°	21	48°	20	46°	450
27	53°	24	51°	23	48°	750

d = 178; r = 750; Working Pressure 150 bar

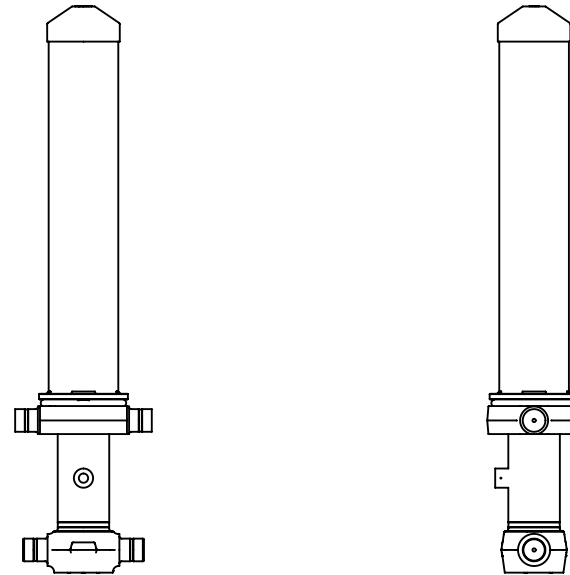
Tipping angle (θ)

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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