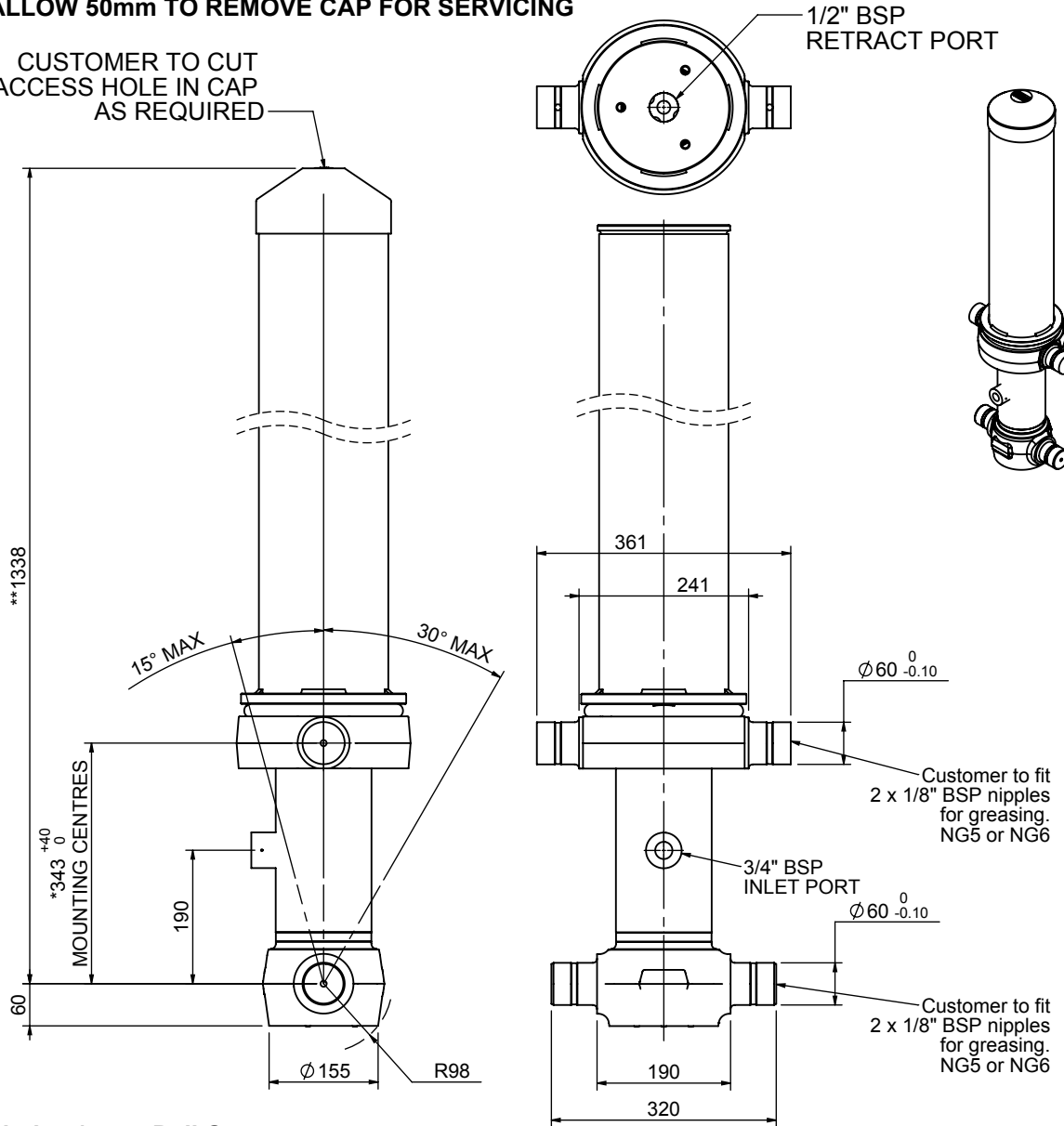


Cylinder 4 stage with double acting last stage

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

CUSTOMER TO CUT ACCESS HOLE IN CAP AS REQUIRED



*Includes 14mm Pull Out.

CB110044202B19A11

SPECIFICATION		TIPPING CAPACITY :18-30 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	184	940	-	-
0	136	1275	-	-
1	117	1240	1049	11
2	98	1240	1067	8
3	79	1240	1072	5
4R	71	1240	1014	-
4	63	1240	1014	3
Total (+5/-10)			4202	27
Final stroke reduced by	0	Priming Volume		7
Cylinder Mass (Kg)	126	Total Volume (Litres)		34
Maximum Pressure (Bar)	150	Max. first stage thrust		130 KN

***TIPPING CAPACITY AT WORKING PRESSURE

d	Body Length (BL)					OH
	5250	5500	5750			
20	47°	19	45°	18	43°	150
23	50°	22	48°	20	45°	450
30	54°	26	51°	24	48°	750

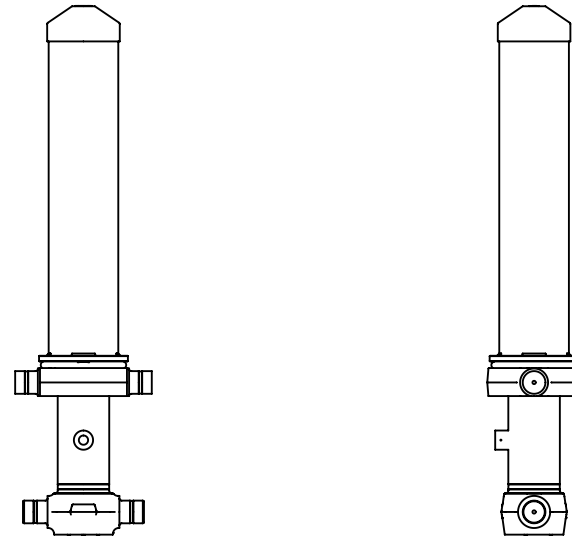
$d = 178; r = 750; \text{Working Pressure } 150 \text{ bar}$

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.



CB110044202B19A11