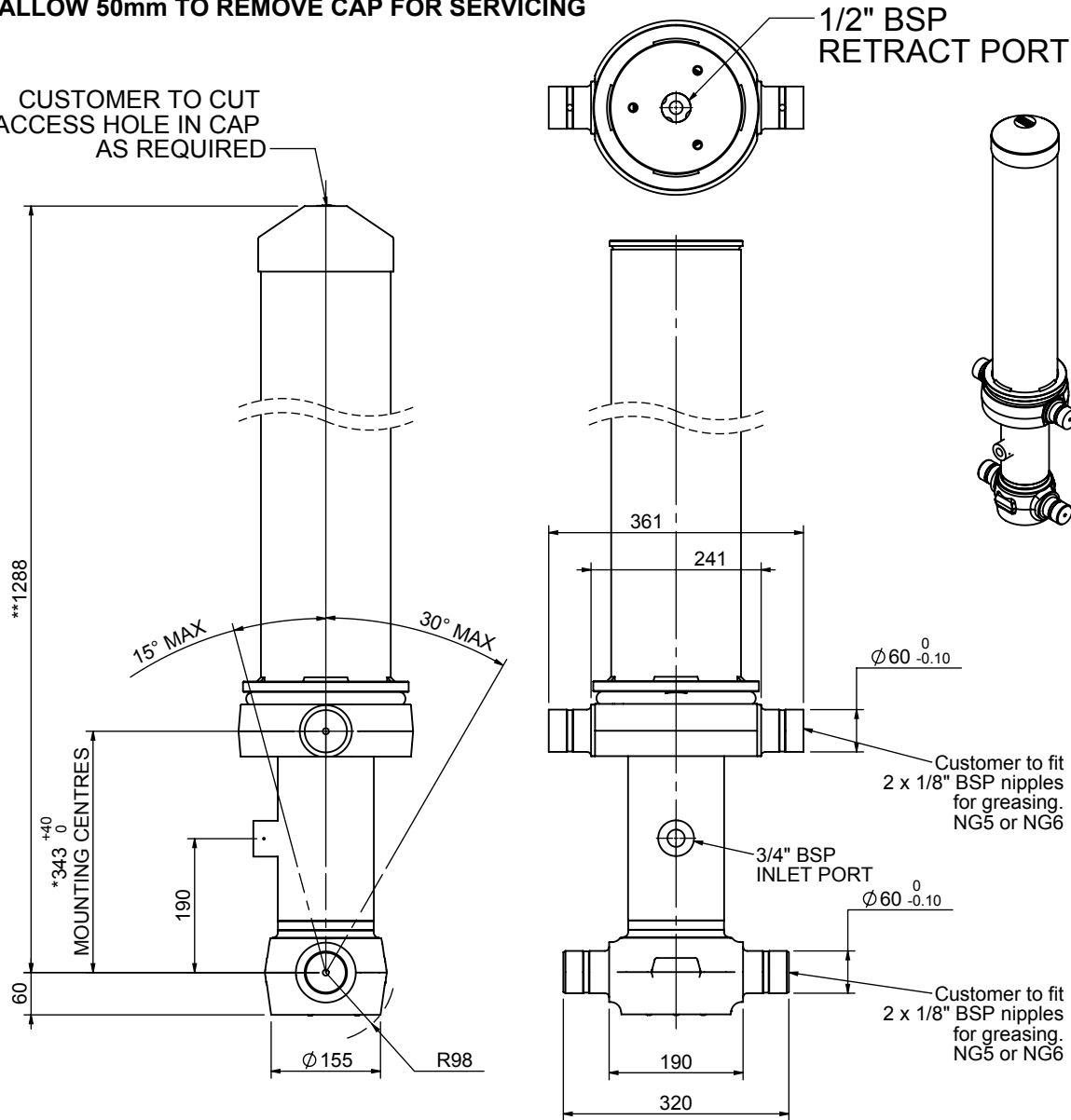


# Cylinder 4 stage with double acting last stage

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

CUSTOMER TO CUT ACCESS HOLE IN CAP AS REQUIRED



**\*Includes 14mm Pull Out.**

# CB110044002B19A11

SPECIFICATION		TIPPING CAPACITY :18-32 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	184	890	-	-
0	136	1225	-	-
1	117	1190	999	11
2	98	1190	1017	8
3	79	1190	1022	5
4R	71	1190	964	-
4	63	1190	964	3
Total (+5/-10)			4002	27
Final stroke reduced by	0	Priming Volume		7
Cylinder Mass (Kg)	122	Total Volume (Litres)		34
Maximum Pressure (Bar)	150	Max. first stage thrust		130 KN

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

BL	BODY LENGTH (BL)				OH	
	5000	5250	5500			
20	47°	19	45°	18	43°	150
24	50°	22	48°	21	45°	450
32	54°	28	51°	25	48°	750

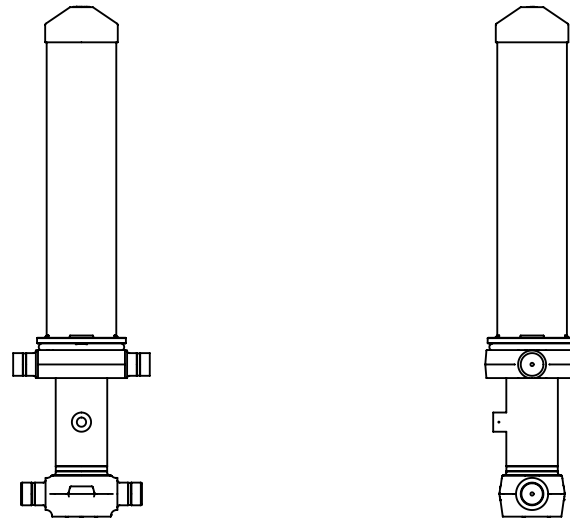
$d = 178; r = 750; \text{Working Pressure } 150 \text{ bar}$

Tipping angle ( $\theta$ )  
Body + payload mass, W (tonne)

Retract force @ Stage 4 = 12.6kN @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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