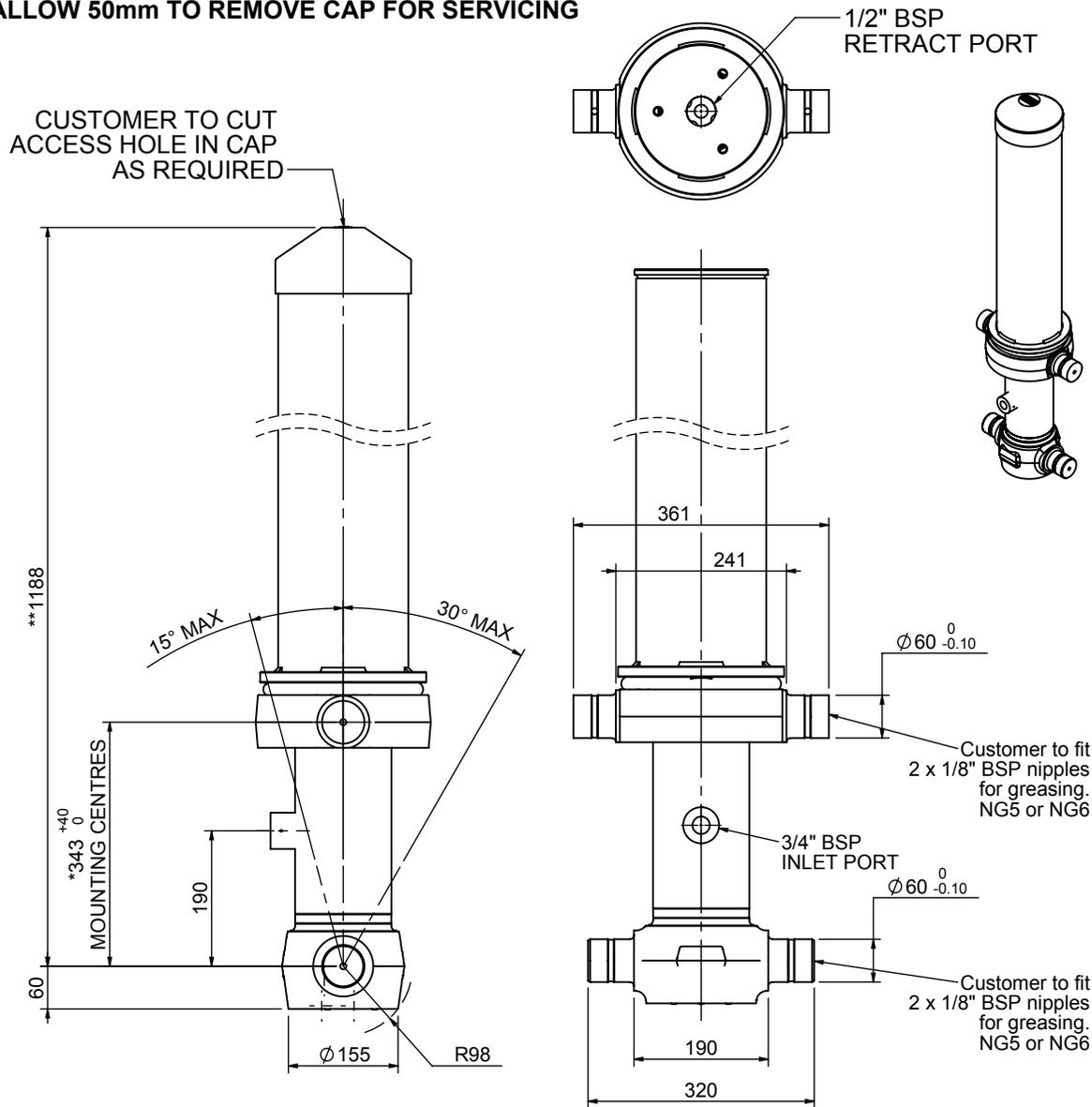


# Cylinder 4 stage with double acting last stage

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



\*Includes 14mm Pull Out.

## CB110043602B19A11

SPECIFICATION		TIPPING CAPACITY :18-33 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	184	790	-	-
0	136	1125	-	-
1	117	1090	899	10
2	98	1090	917	7
3	79	1090	922	5
4R	71	1090	864	-
4	63	1090	864	3
Total (+5/-10)			3602	25
Final stroke reduced by	0	Priming Volume		7
Cylinder Mass (Kg)	115	Total Volume (Litres)		32
Maximum Pressure (Bar)	150	Max. first stage thrust		130 KN

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

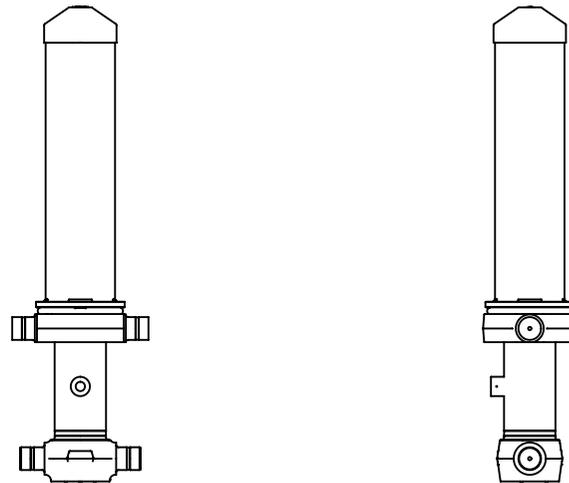
d	BODY LENGTH (BL)			OH		
	4700	4950	5200			
20	45°	19	43°	18	41°	150
24	48°	22	46°	21	44°	450
33	52°	28	49°	25	46°	750

$d = 178; r = 750; \text{Working Pressure } 150 \text{ bar}$   
 Tipping angle ( $\theta$ )  
 Body + payload mass, W (tonne)

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

### NOTES

- 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](http://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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