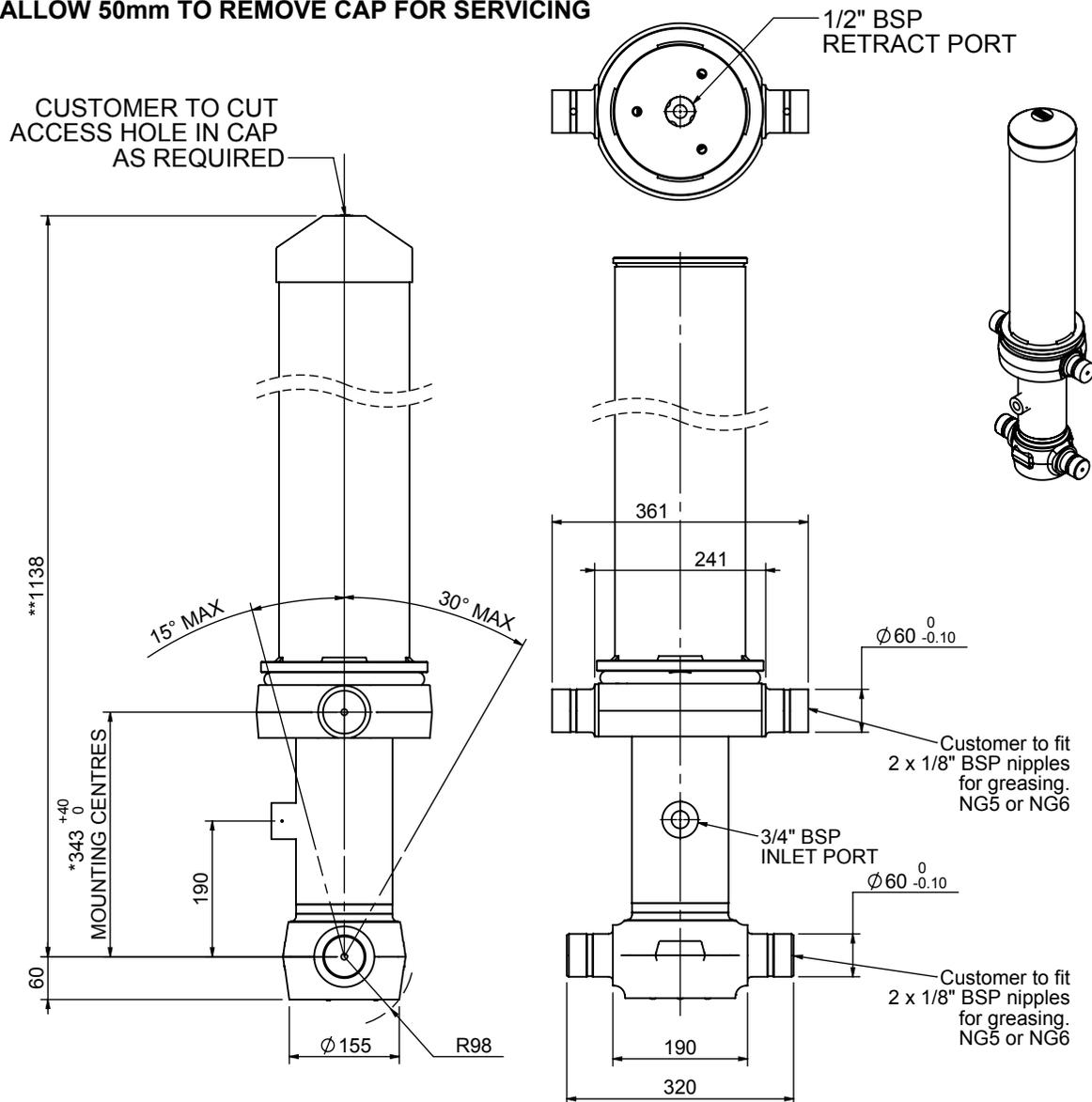


# Cylinder 4 stage with double acting last stage

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

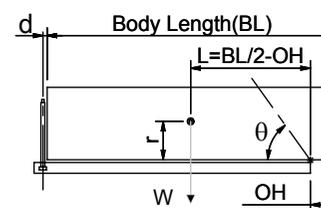


\*Includes 14mm Pull Out.

## CB110043402B19A11

SPECIFICATION		TIPPING CAPACITY :19-33 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	184	740	-	-
0	136	1075	-	-
1	117	1040	849	9
2	98	1040	867	7
3	79	1040	872	4
4R	71	1040	814	-
4	63	1040	814	3
Total (+5/-10)			3402	23
Final stroke reduced by	0	Priming Volume		6
Cylinder Mass (Kg)	112	Total Volume (Litres)		29
Maximum Pressure (Bar)	150	Max. first stage thrust		130 KN

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



	BODY LENGTH (BL)					
	4550	4700	4850	OH		
20	44°	19	42°	19	41°	150
25	47°	23	46°	22	44°	450
33	51°	30	49°	28	46°	750

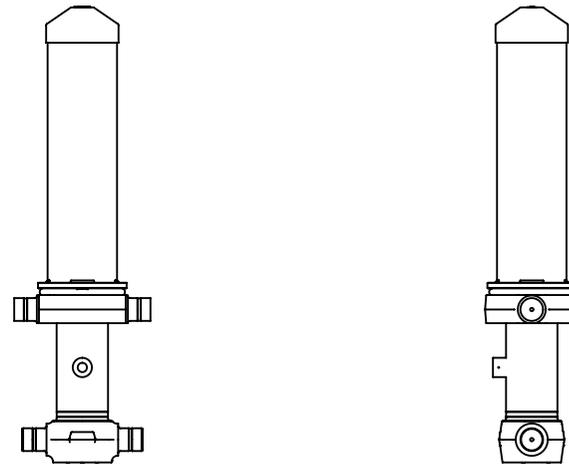
d = 178; r = 750; Working Pressure 150 bar

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](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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