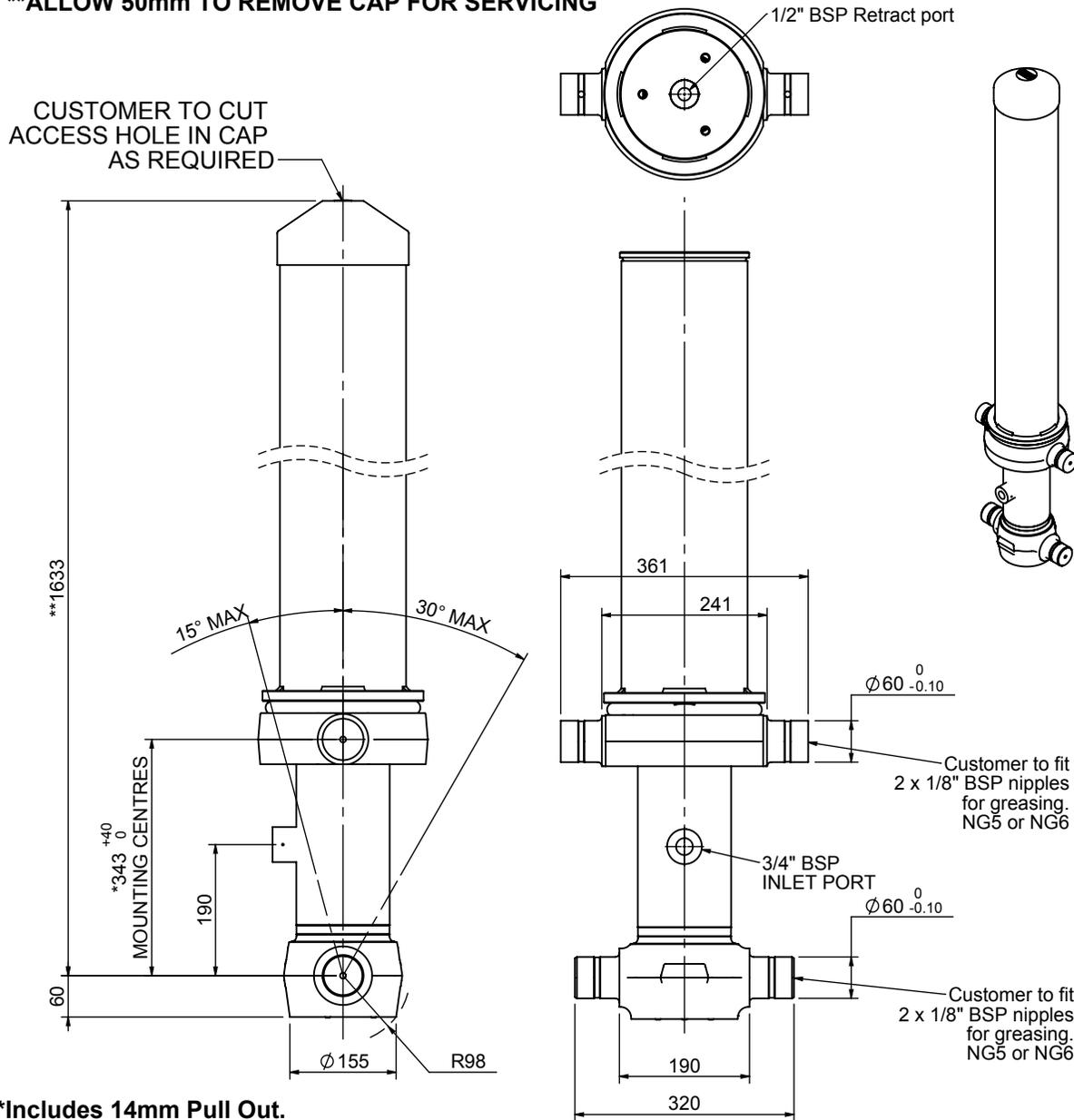


# Cylinder 3 stage with double acting final stage

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



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

## CB110034015B19A11

SPECIFICATION		TIPPING CAPACITY : 23-33 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
OUTER COVER	184	1235	-	-
0	136	1575	-	-
1	117	1540	1349	15
2	98	1540	1367	10
3R	87	1540	1299	-
3	79	1540	1299	6
Total (+5/-10)			4015	31
Final stroke reduced by	0	Priming Volume		11
Cylinder Mass (Kg)	138	Total Volume (Litres)		42
Maximum Pressure (Bar)	150	Max. first stage thrust		130 KN

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

Body Length (BL)		BODY LENGTH (BL)				OH
d	L=BL/2-OH	5300	5425	5550		
24	45°	23	44°	23	42°	150
27	47°	27	46°	26	45°	450
33	51°	32	50°	31	48°	750

d = 178; r = 750; Working Pressure 135 bar

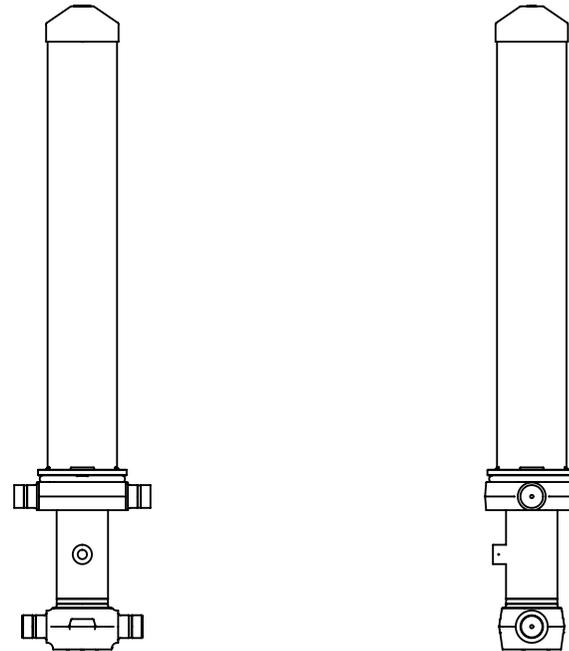
Tipping angle (θ)

Body + payload mass, W (tonne)

Retract force @ Stage 3 = 15.65kN @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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