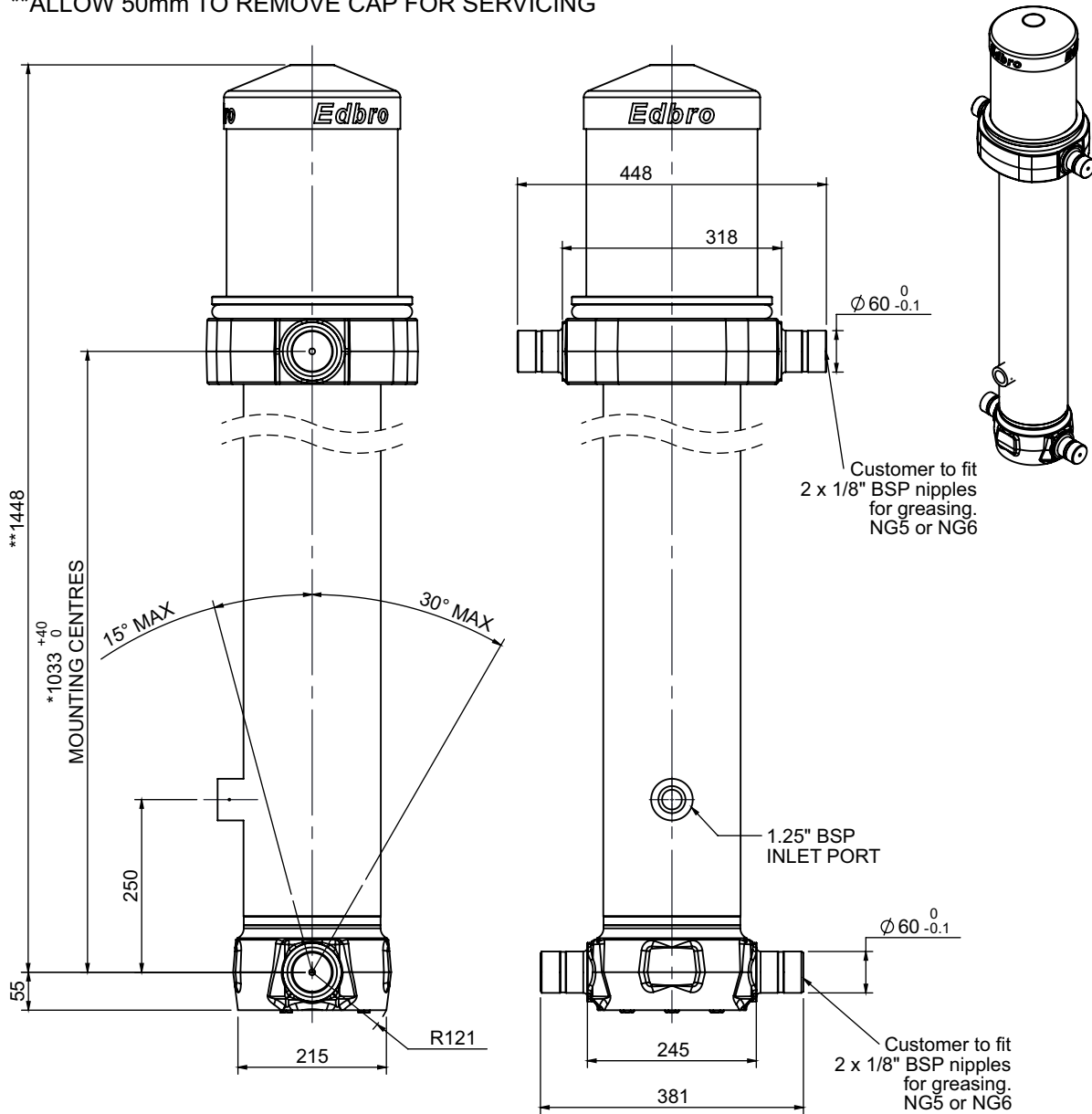


Cylinder 5 stage front end with outer cover

**ALLOW 50mm TO REMOVE CAP FOR SERVICING



*Includes 7mm Pull Out.

CS17L055433B25G15

SPECIFICATION

TIPPING CAPACITY : 30-48 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	248	380	-	-
0	199	1375	-	-
1	176	1340	1120	27
2	155	1340	1137	21
3	136	1340	1147	17
4	117	1340	1162	12
5	98	1340	867	7
Total (+5/-10)			5433	84
Final stroke reduced by	300	Priming Volume		17.8
Cylinder Mass (Kg)	240	Total Volume (Litres)		101.8
Maximum Pressure (Bar)	190	Max. first stage thrust		200 KN

***TIPPING CAPACITY AT WORKING PRESSURE

The diagram illustrates the geometry of a crane boom. It shows a horizontal boom of diameter d and total body length BL . The distance from the boom's centerline to the hook is $L = BL/2 - OH$, where OH is the hook offset. A weight W is applied downwards at the hook, creating a tipping angle T relative to the horizontal.

BODY LENGTH (BL)						OH
6750		7250		7750		
35	48°	32	44°	30	41°	150
40	50°	36	46°	33	43°	450
48	53°	41	48°	37	45°	750

$d = 229$; $r = 900$; Working Pressure 135 bar

Tipping angle (T)

Body + payload mass, W (tonne)

NOTES

1. This cylinder is for lifting purposes only and side load conditions should be avoided
2. Cylinder is painted in primer to RAL9005

Edbro

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