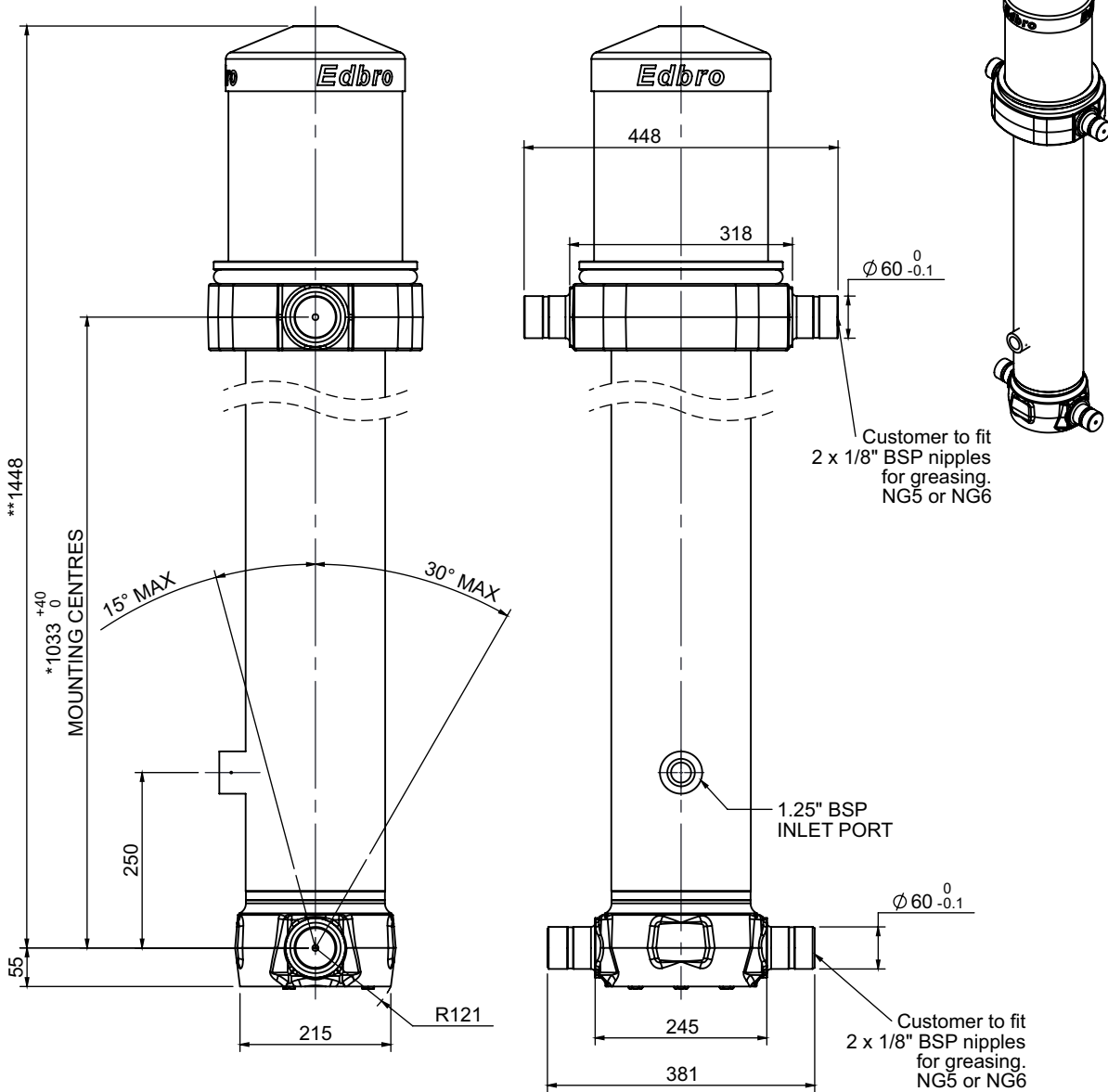


Cylinder 5 stage front end with outer cover

**ALLOW 50mm TO REMOVE CAP FOR SERVICING



*Includes 7mm Pull Out.

CS17L055733B25A15

SPECIFICATION

TIPPING CAPACITY : 33-49 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	1167	9
Total (+5/-10)			5733	86
Final stroke reduced by	0	Priming Volume		17.8
Cylinder Mass (Kg)	240	Total Volume (Litres)		103.8
Maximum Pressure (Bar)	190	Max. first stage thrust		200 KN

***TIPPING CAPACITY AT WORKING PRESSURE

Diagram illustrating the geometry of the crane boom. The boom has a diameter d and a body length BL . The distance from the boom center to the hook is $L = BL/2 - OH$. The weight W acts downwards at the center of the boom. The hook offset OH is the distance from the boom end to the hook.

$d = 229$; $r = 900$; Working Pressure 150 bar

BODY LENGTH (BL)	OH					
7000	7500	8000				
37	48°	35	45°	33	42°	150
42	51°	38	47°	36	44°	450
49	53°	43	49°	39	46°	750

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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