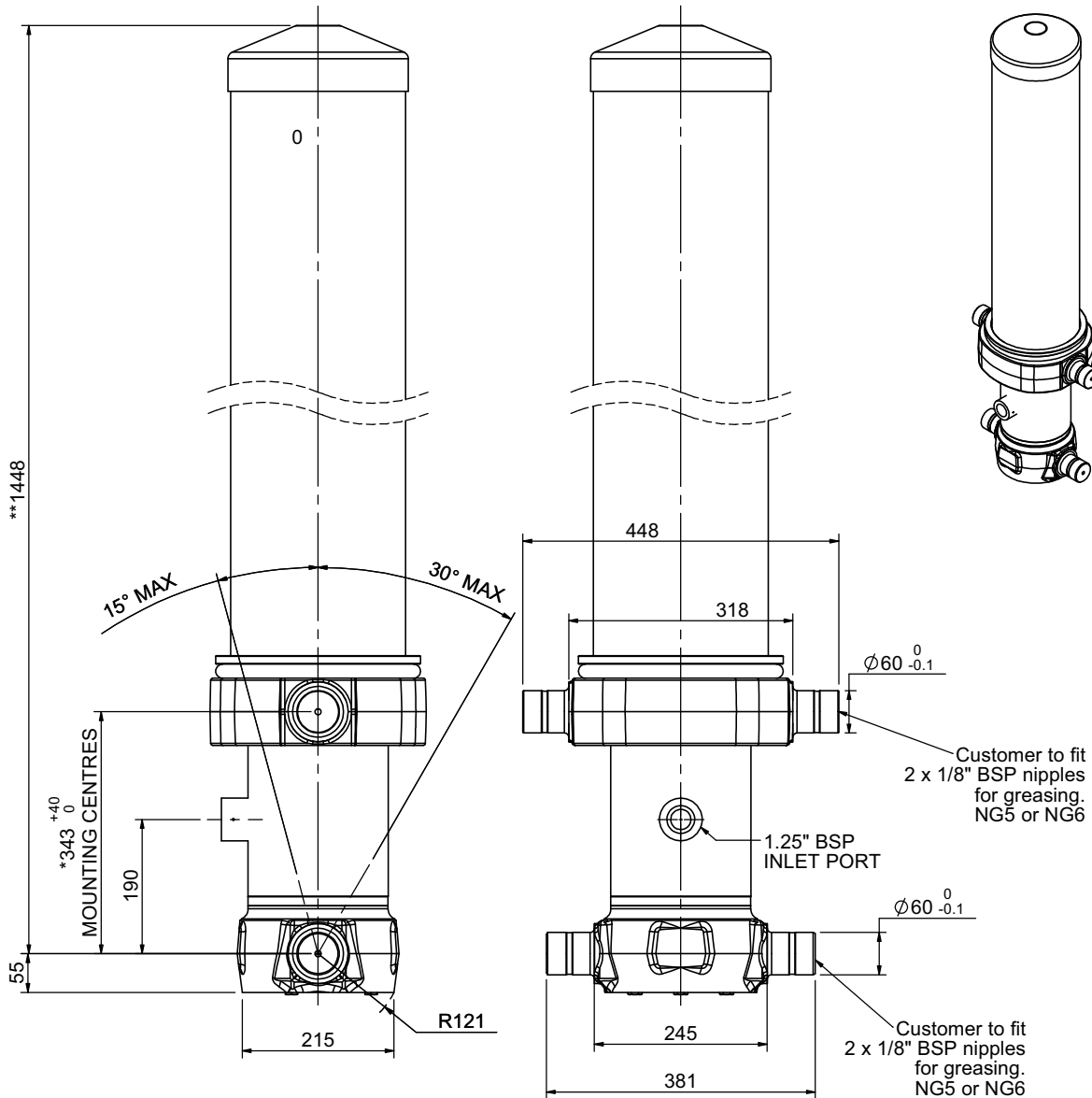


Cylinder 5 stage front end with outer cover

**ALLOW 50mm TO REMOVE CAP FOR SERVICING



*Includes 7mm Pull Out.

CS17L055733B19A11

SPECIFICATION

TIPPING CAPACITY * 33-45 TONNES**

Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	248	1070	-	-
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)	256	Total Volume (Litres)		103.8
Maximum Pressure (Bar)	190	Max. first stage thrust		200

***TIPPING CAPACITY AT WORKING PRESSURE

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

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

BODY LENGTH (BL)						OH
7000		7500		8000		
34	48°	31	45°	30	42°	150
38	50°	35	47°	32	43°	450
45	53°	39	49°	36	45°	750

Tipping angle (θ)

Body + payload mass, W (tonne)

NOTES

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

Edbro

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