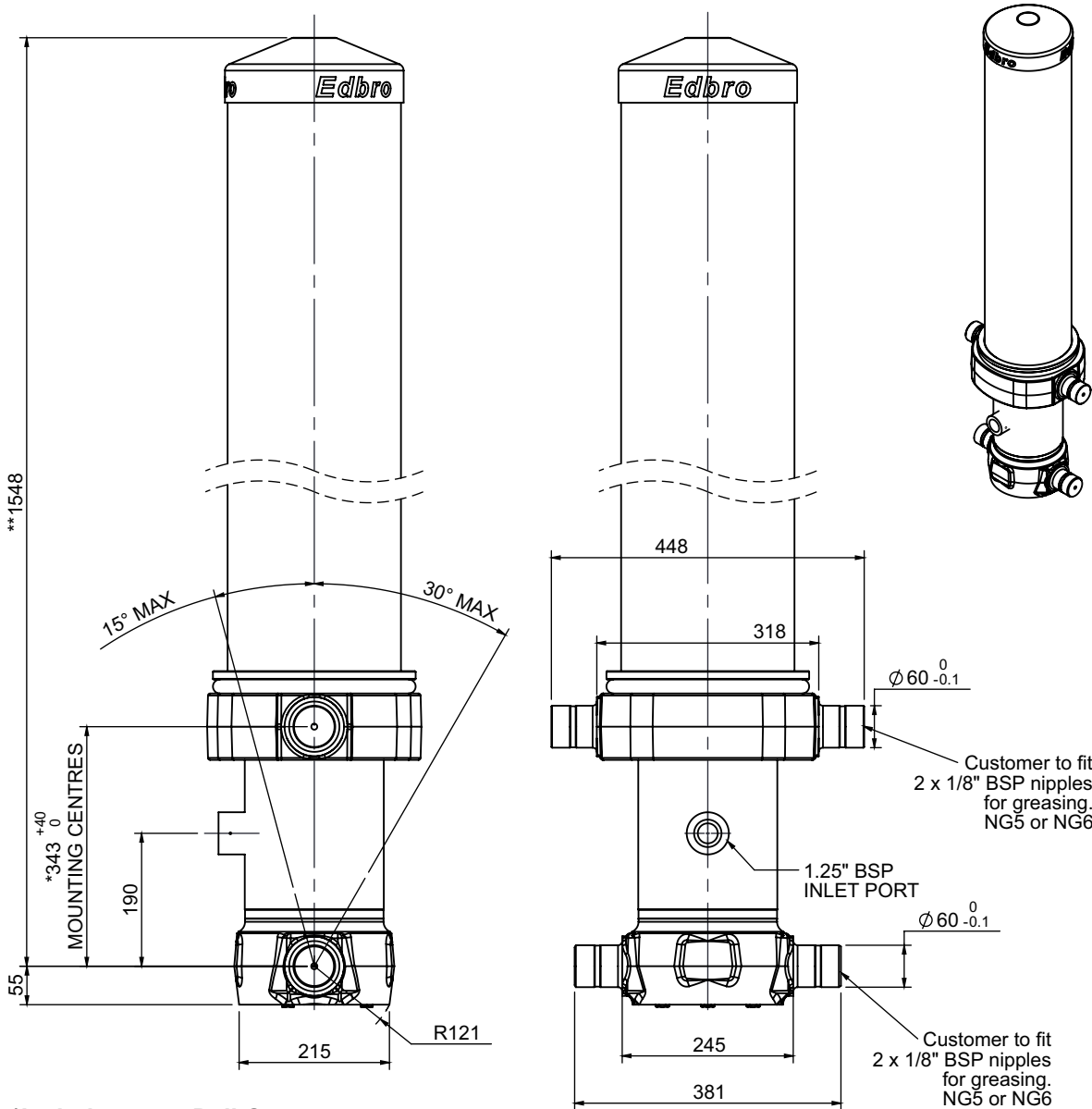


Cylinder 5 stage front end with outer cover

**ALLOW 50mm TO REMOVE CAP FOR SERVICING



*Includes 7mm Pull Out.

CS17L056233B19A11

SPECIFICATION

TIPPING CAPACITY : 33-48 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	248	1170	-	-
0	199	1475	-	-
1	176	1440	1220	30
2	155	1440	1237	23
3	136	1440	1247	18
4	117	1440	1262	14
5	98	1440	1267	10
Total (+5/-10)			6233	95
Final stroke reduced by	0	Priming Volume		19.3
Cylinder Mass (Kg)	271	Total Volume (Litres)		114.3
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's base to the center of gravity is $L = BL/2 - OH$, where OH is the offset height. The weight W acts downwards at the center of gravity. The tipping angle T is shown relative to the vertical.

BODY LENGTH (BL)						OH
7500		8000		8500		
37	49°	35	46°	33	43°	150
42	51°	38	47°	36	44°	450
48	53°	42	50°	39	46°	750

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