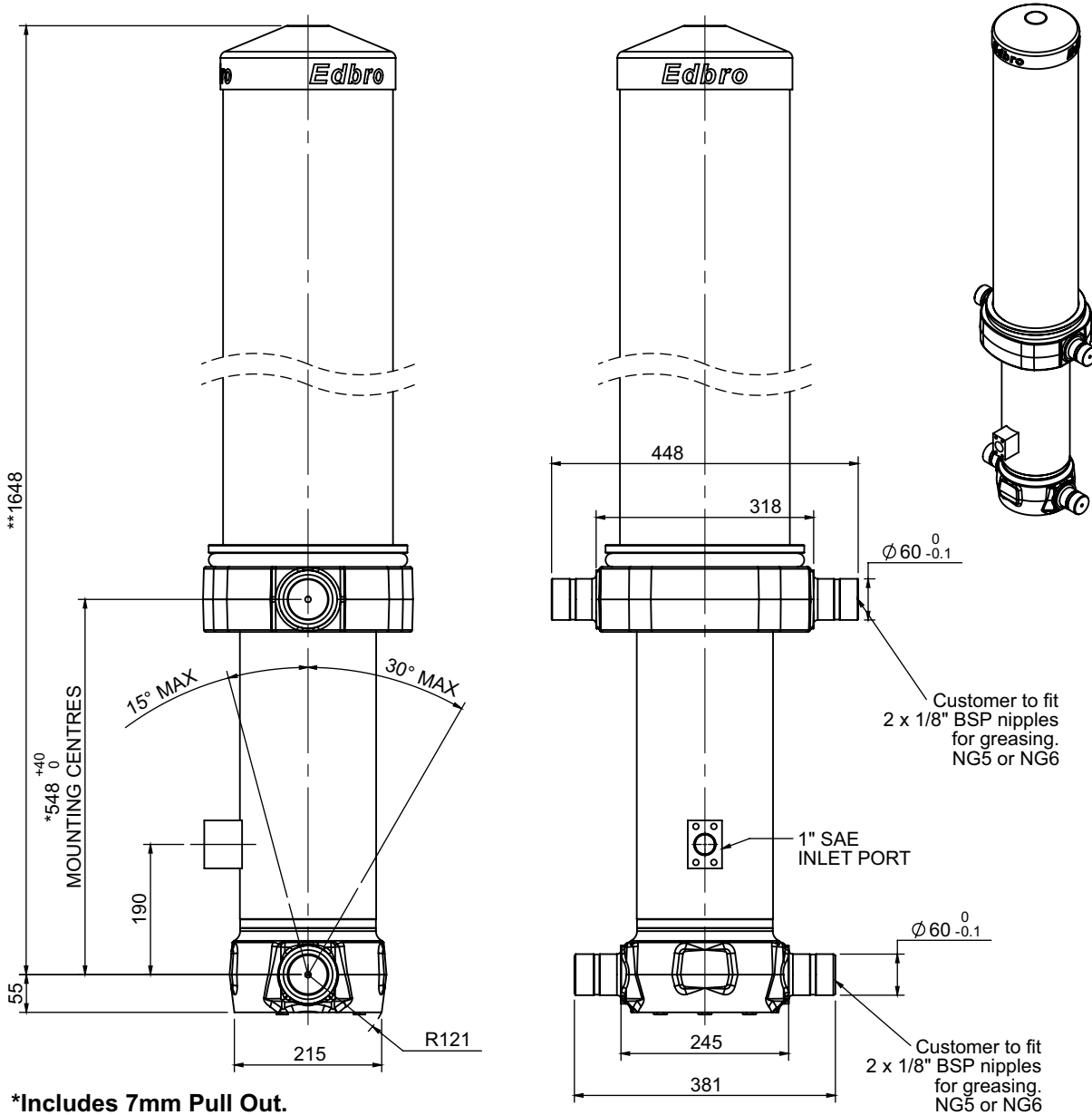


Cylinder 5 stage front end with outer cover

**ALLOW 50mm TO REMOVE CAP FOR SERVICING



*Includes 7mm Pull Out.

CS17L056733S19A12

SPECIFICATION

TIPPING CAPACITY : 33-46 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	248	1065	-	-
0	199	1575	-	-
1	176	1540	1320	32
2	155	1540	1337	25
3	136	1540	1347	20
4	117	1540	1362	15
5	98	1540	1367	10
Total (+5/-10)			6733	102
Final stroke reduced by	0	Priming Volume		20.8
Cylinder Mass (Kg)	281	Total Volume (Litres)		122.8
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 vertical arrow labeled W represents the body and payload mass acting downwards at the center of the boom. A tipping angle T is shown at the hook end.

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

BODY LENGTH (BL)	OH					
8000		8500		9000		
37	50°	35	47°	33	44°	150
41	52°	38	48°	35	45°	450
46	54°	41	51°	38	47°	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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