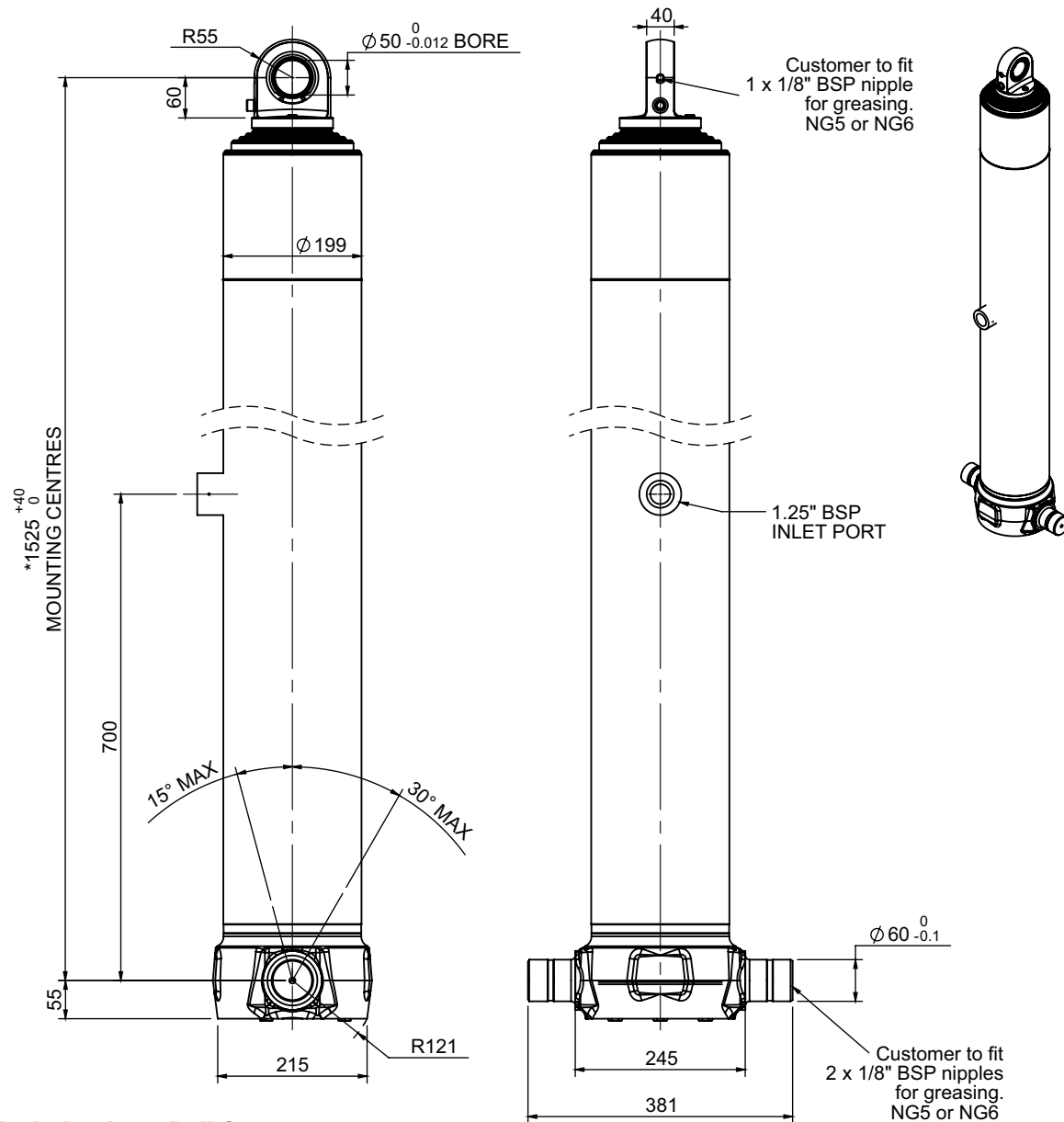


Cylinder 5 stage front end with spherical eye



*Includes 9mm Pull Out.

CS17LS56233B70A02

SPECIFICATION

TIPPING CAPACITY : 28-40 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
0	199	1475	-	-
1	176	1440	1218	30
2	155	1440	1237	23
3	136	1440	1247	18
4	117	1440	1262	14
5	98	1440	1267	10
Total (+5/-10)			6231	95
Final stroke reduced by		0	Priming Volume	19.3
Cylinder Mass (Kg)		210	Total Volume (Litres)	114.3
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 rectangular cross-section with a hook at the end. The dimensions are labeled as follows:

- d : Hook offset from the body end.
- Body Length (BL)**: Total length of the body.
- $L = BL/2 - OH$: Length from the body center to the hook.
- W : Weight of the body and payload.
- OH : Hook offset from the body end.
- T : Tipping angle of the boom.

$d = 0$; $r = 900$; Working Pressure 135 bar

BODY LENGTH (BL)	OH					
7750		8250		8750		
32	49°	30	46°	28	43°	
35	52°	32	48°	30	45°	
40	54°	36	50°	33	47°	

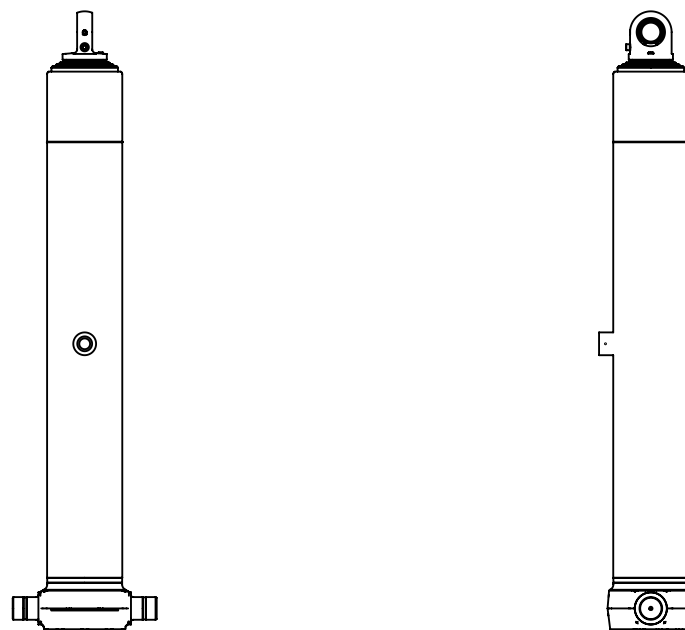
NOTES

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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