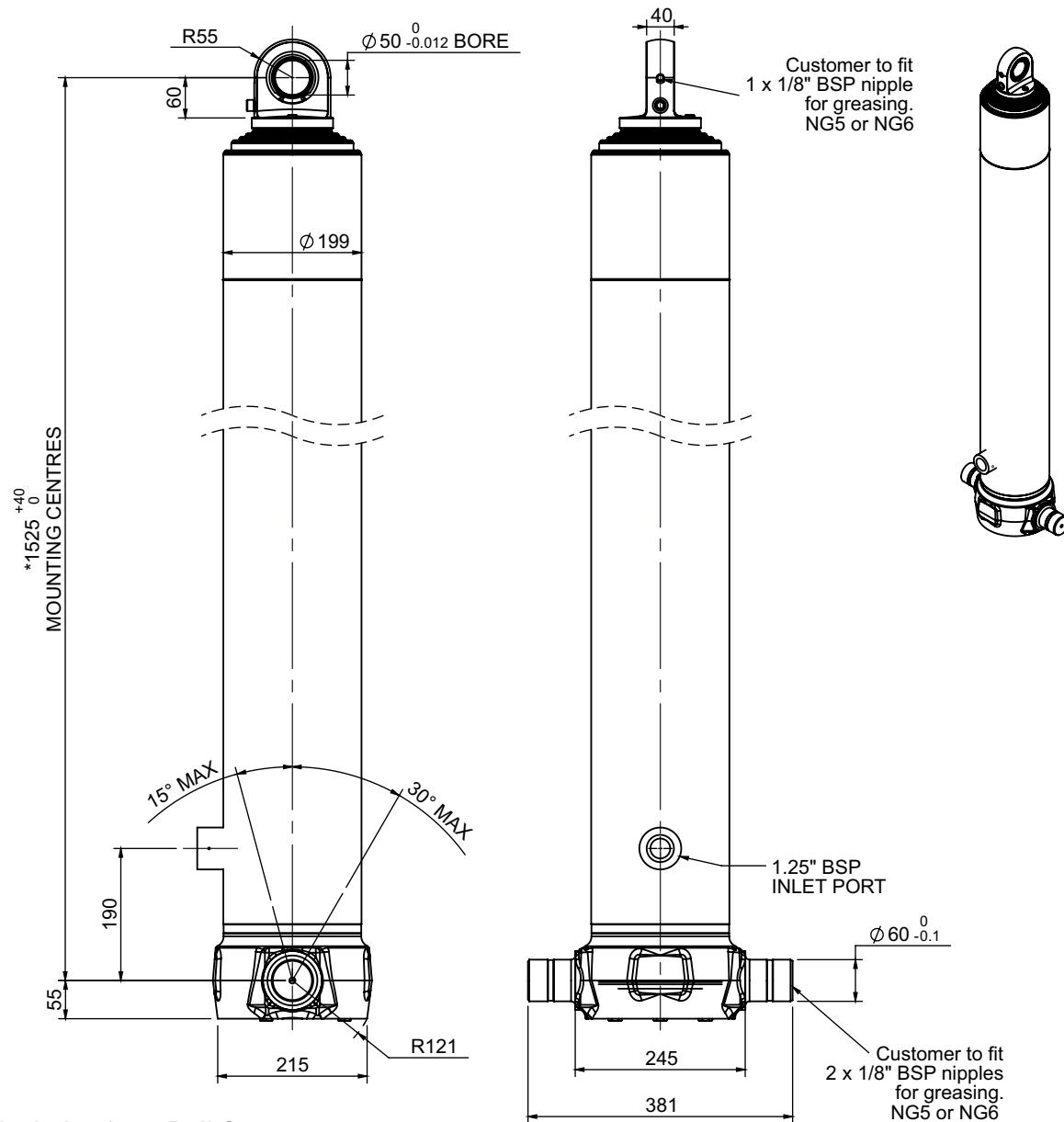


Cylinder 5 stage front end with spherical eye



CS17LS56233B19A02

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

Diagram illustrating the dimensions of a crane boom:

- d : Hook offset
- Body Length (BL)
- $L = BL/2 - OH$: Distance from hook to center of gravity
- W : Weight
- OH : Hook offset
- T : Tipping angle

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

BODY LENGTH (BL)	OH					
7750		8250		8750		
32	49°	30	46°	28	43°	150
35	52°	32	48°	30	45°	450
40	54°	36	50°	33	47°	750

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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