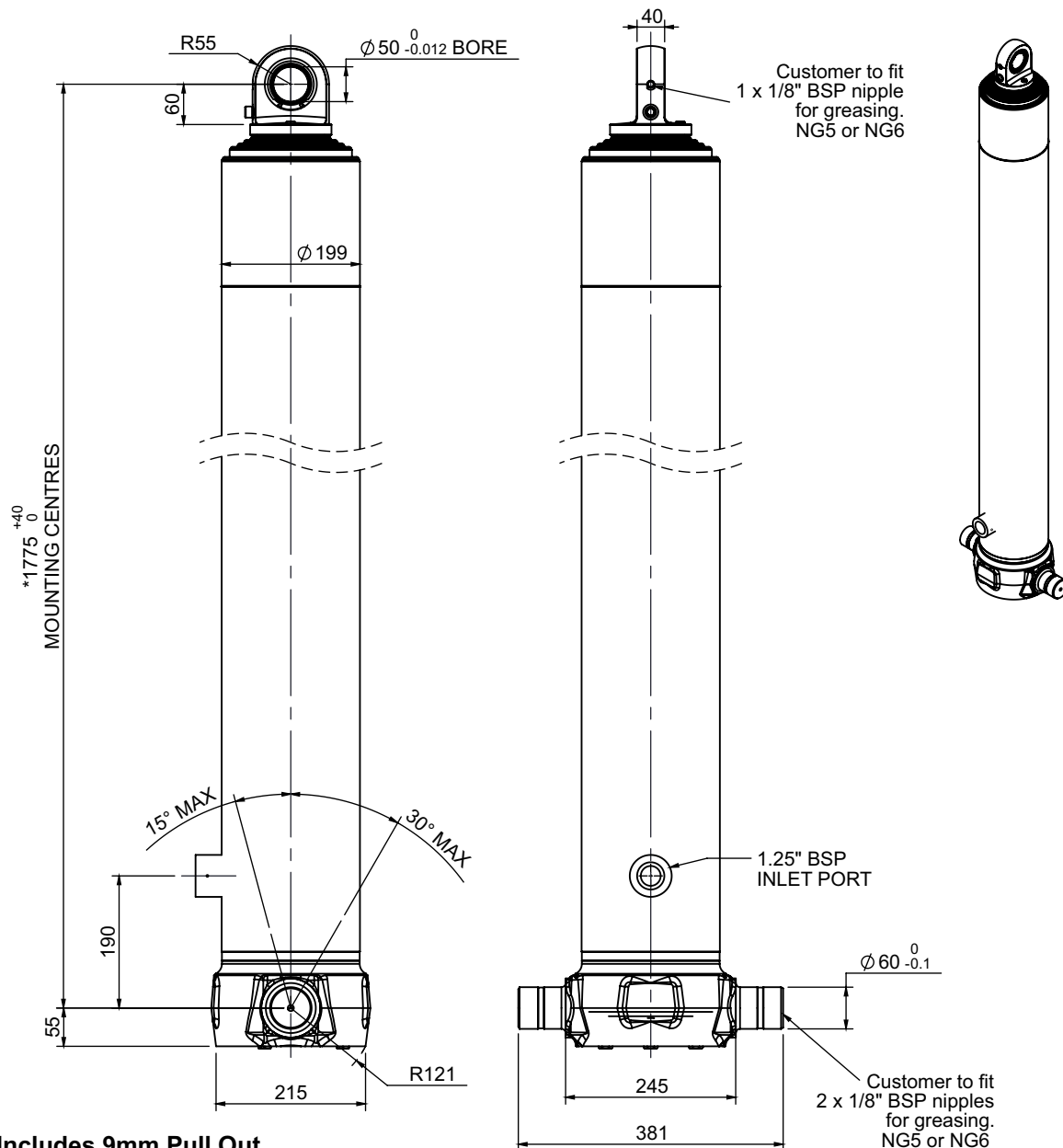


Cylinder 5 stage front end with spherical eye



*Includes 9mm Pull Out.

CS17LS57033B19K02C

SPECIFICATION

TIPPING CAPACITY : 27-35 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
0	199	1725	-	-
1	176	1690	1468	36
2	155	1690	1487	28
3	136	1690	1497	22
4	117	1690	1512	16
5	98	1690	1067	8
Total (+5/-10)			7031	110
Final stroke reduced by	450	Priming Volume		23
Cylinder Mass (Kg)	241	Total Volume (Litres)		133
Maximum Pressure (Bar)	190	Max. first stage thrust		200 KN

***TIPPING CAPACITY AT WORKING PRESSURE

Diagram illustrating the geometry of a crane boom. The diagram shows a horizontal boom of length BL pivoted at a height d . The center of gravity is at a horizontal distance $L = BL/2 - OH$ from the pivot. The weight W acts vertically downwards at this point. The tipping angle T is shown relative to the vertical. The offset height OH is the vertical distance from the pivot to the boom's longitudinal axis.

$d = 0$; $r = 900$; Working Pressure 120 bar

BODY LENGTH (BL)	OH				
8750	9250	9750			
28	49°	27	46°		150
31	51°	29	48°	27	44°
35	53°	32	50°	30	47°
					750

Tipping angle (T)

Body + payload mass, W (tonne)

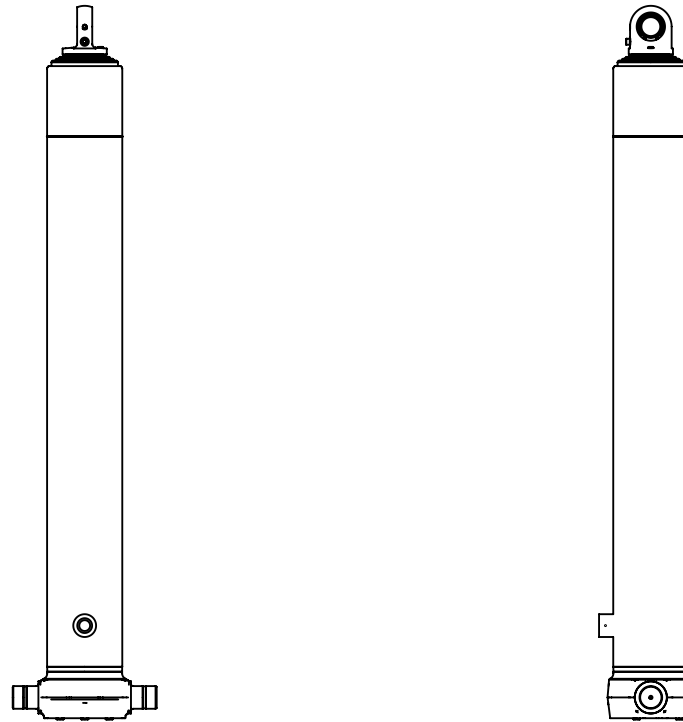
NOTES

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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