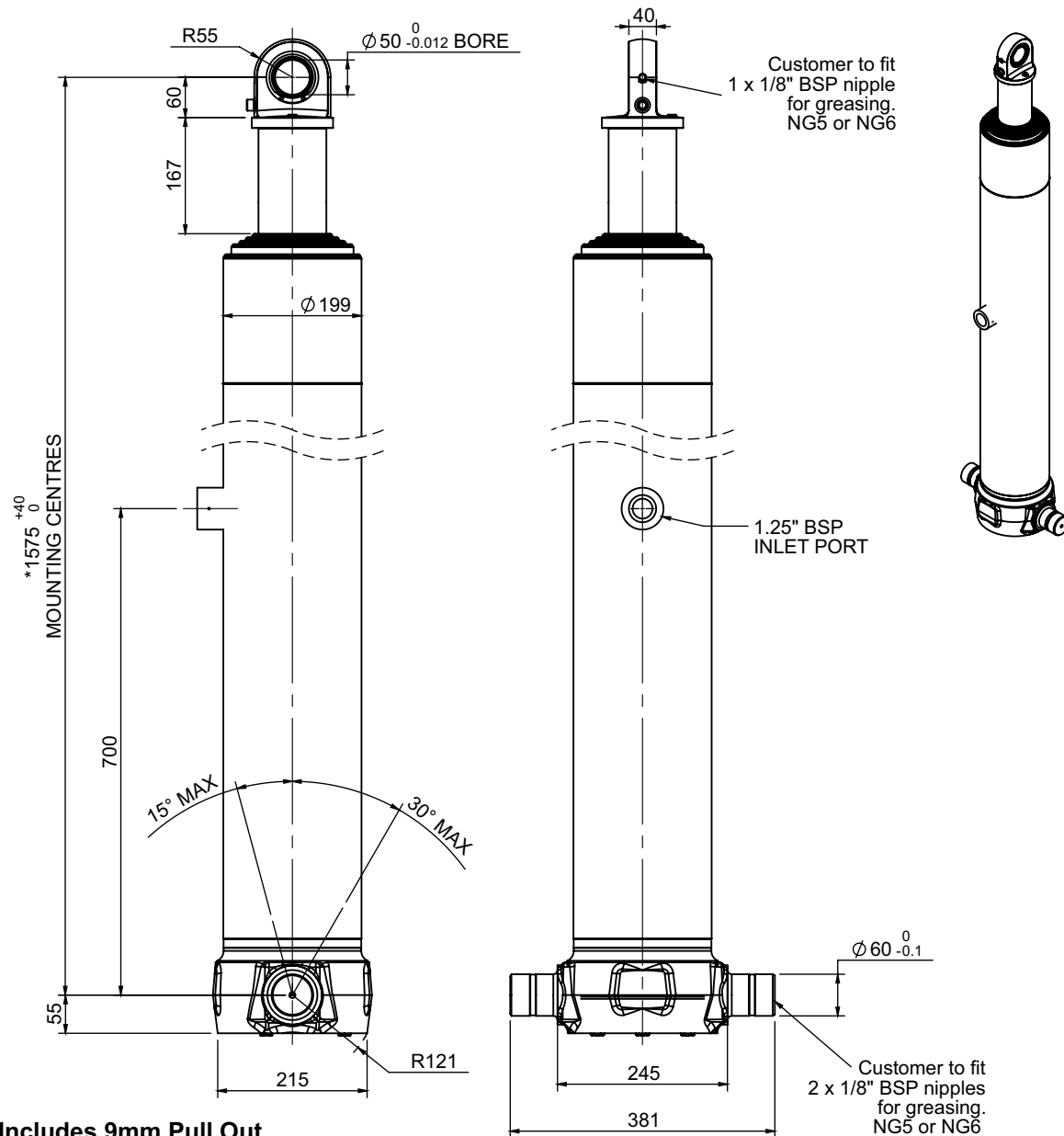


Cylinder 5 stage front end with spherical eye



CS17LS55733B70A08

SPECIFICATION

TIPPING CAPACITY : 31-46 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
0	199	1375	-	-
1	176	1340	1118	27
2	155	1340	1137	21
3	136	1340	1147	17
4	117	1340	1162	12
5	98	1490	1167	9
Total (+5/-10)			5731	86
Final stroke reduced by		0	Priming Volume	17.8
Cylinder Mass (Kg)		200	Total Volume (Litres)	103.8
Maximum Pressure (Bar)		190	Max. first stage thrust	200 KN

***TIPPING CAPACITY AT WORKING PRESSURE

The diagram illustrates a hydraulic cylinder in a tipping position. Key dimensions and parameters are labeled: d (cylinder diameter), BL (Body Length), $L = BL/2 - OH$ (distance from pivot to center of gravity), W (Body + payload mass), OH (Overhead), and T (Tipping angle).

$d = 0$; $r = 900$; Working Pressure 150 bar

BODY LENGTH (BL)						OH
7250		7750		8250		
35	49°	33	45°	31	42°	150
40	51°	36	47°	34	44°	450
46	54°	41	49°	37	46°	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 paint to RAL5013

Edbro

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