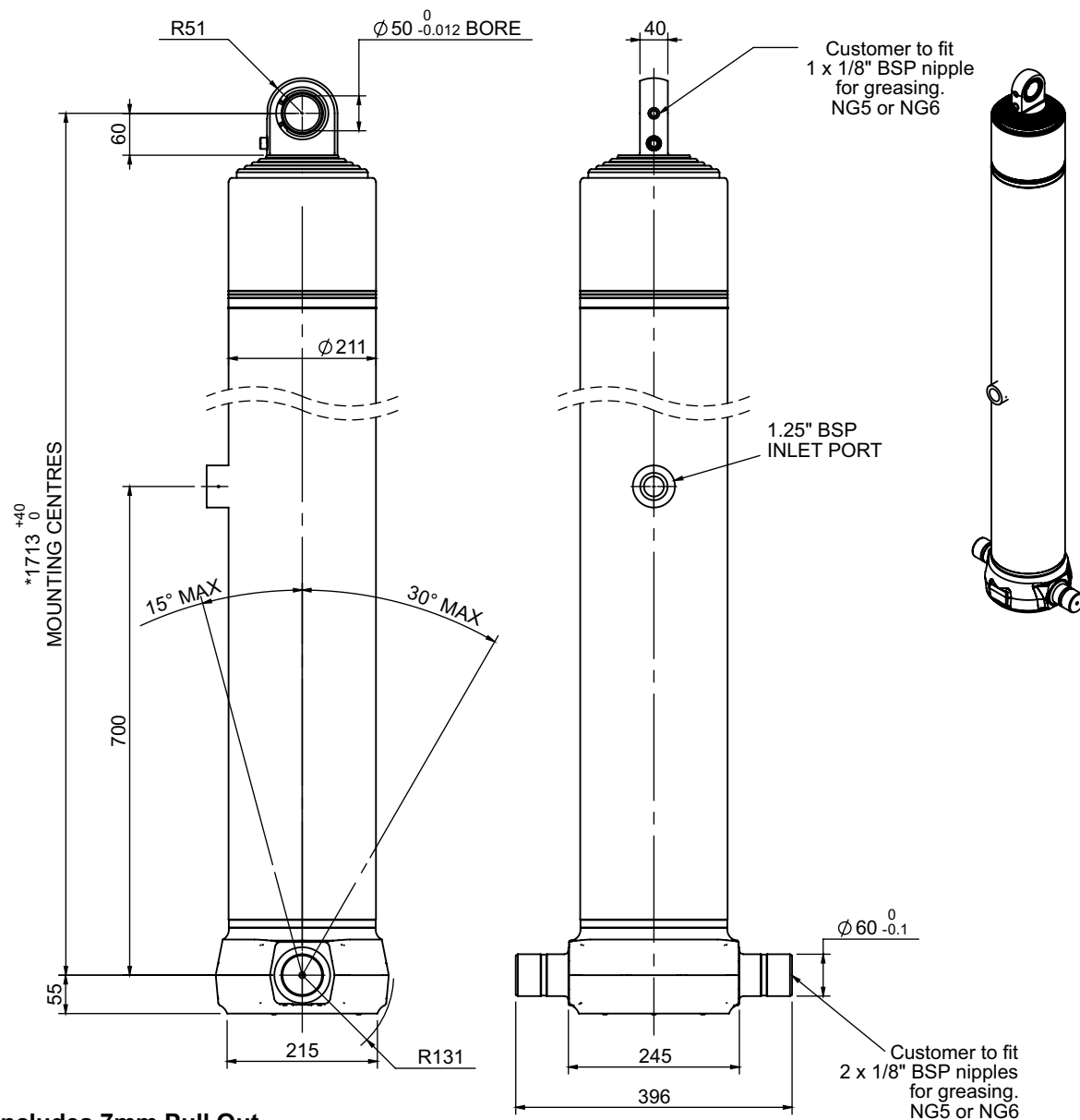


Cylinder 5 stage front end with spherical eye



*Includes 7mm Pull Out.

CS18LS57233B70A02

SPECIFICATION

TIPPING CAPACITY : 31-40 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
0	211	1675	-	-
1	188	1640	1420	39
2	167	1640	1437	31
3	147	1640	1447	25
4	127	1640	1462	19
5	105	1640	1467	13
		Total (+5/-10)	7233	127
Final stroke reduced by		0	Priming Volume	23.5
Cylinder Mass (Kg)		277	Total Volume (Litres)	150.5
Maximum Pressure (Bar)		190	Max. first stage thrust	200 KN

***TIPPING CAPACITY AT WORKING PRESSURE

Diagram illustrating the geometry of the crane body. The diagram shows a side view of the crane body with the following dimensions and labels:

- d : Hook offset distance.
- Body Length (BL): Total length of the body.
- $L = BL/2 - OH$: Distance from the hook to the center of gravity.
- W : Body + payload mass.
- OH: Hook offset distance.
- T : Tipping angle.

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

BODY LENGTH (BL)	OH					
9250		9750		10250		
34	48°	32	45°	31	43°	150
37	49°	35	47°	33	44°	450
40	51°	37	48°	35	45°	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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