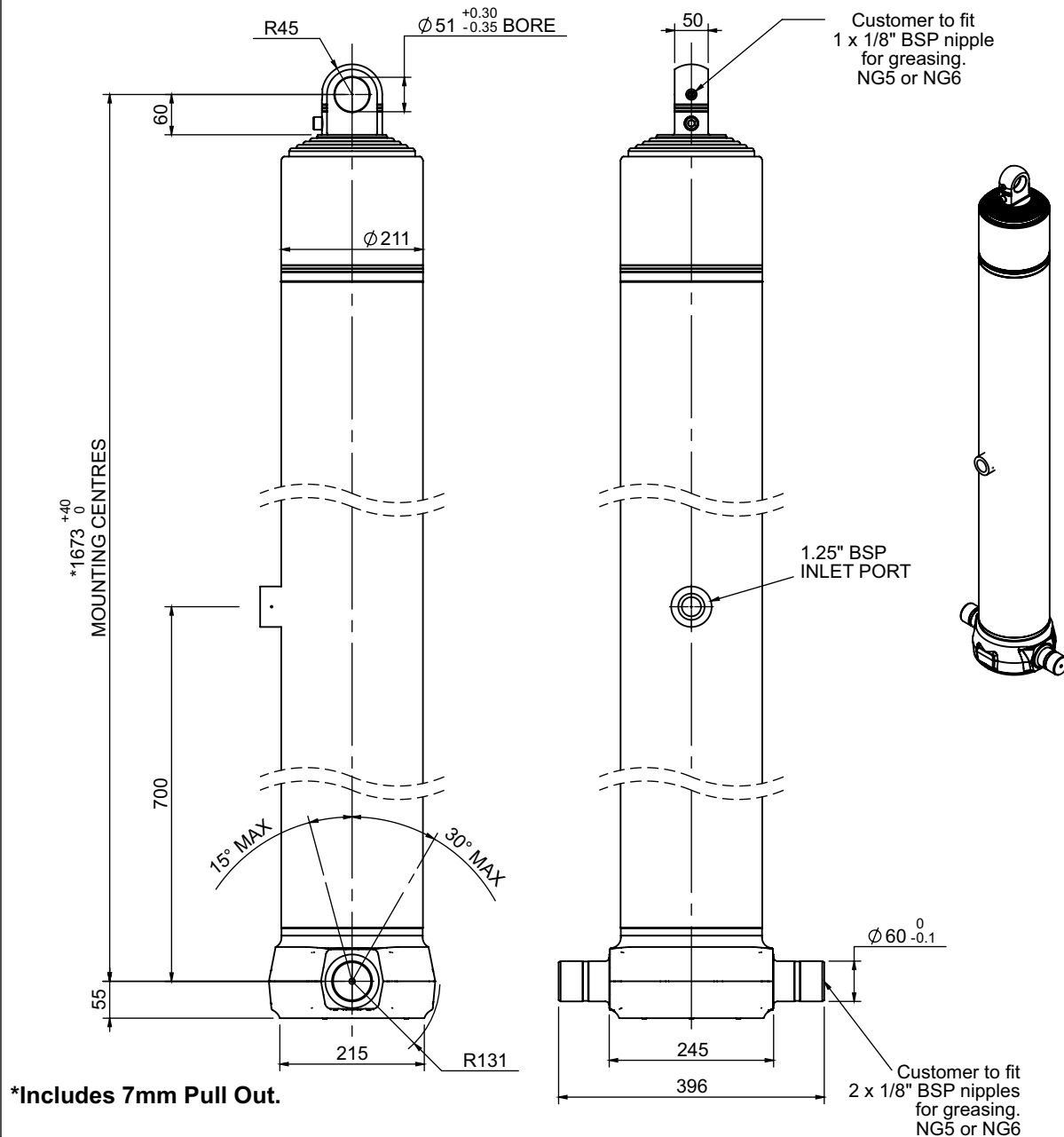


Cylinder 5 stage front end with plain eye

CS18LE57033B70A02



SPECIFICATION

TIPPING CAPACITY : 32-42 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
0	211	1635	-	-
1	188	1600	1380	38
2	167	1600	1397	31
3	147	1600	1407	24
4	127	1600	1422	18
5	105	1600	1427	12
		Total (+5/-10)	7033	123
Final stroke reduced by		0	Priming Volume	22.9
Cylinder Mass (Kg)		264	Total Volume (Litres)	145.9
Maximum Pressure (Bar)		190	Max. first stage thrust	200 KN

***TIPPING CAPACITY AT WORKING PRESSURE

The diagram illustrates the geometry of a crane hook. It shows a cross-section with a hook thickness d and a body length BL . The distance from the hook tip to the center of gravity is $L = BL/2 - OH$, where OH is the hook offset. The weight W acts downwards from the center of gravity, and the tipping angle T is shown relative to the vertical.

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

BODY LENGTH (BL)	OH					
8750		9250		9750		
35	49°	33	46°	32	44°	150
38	51°	36	48°	34	45°	450
42	53°	39	50°	37	47°	750

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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