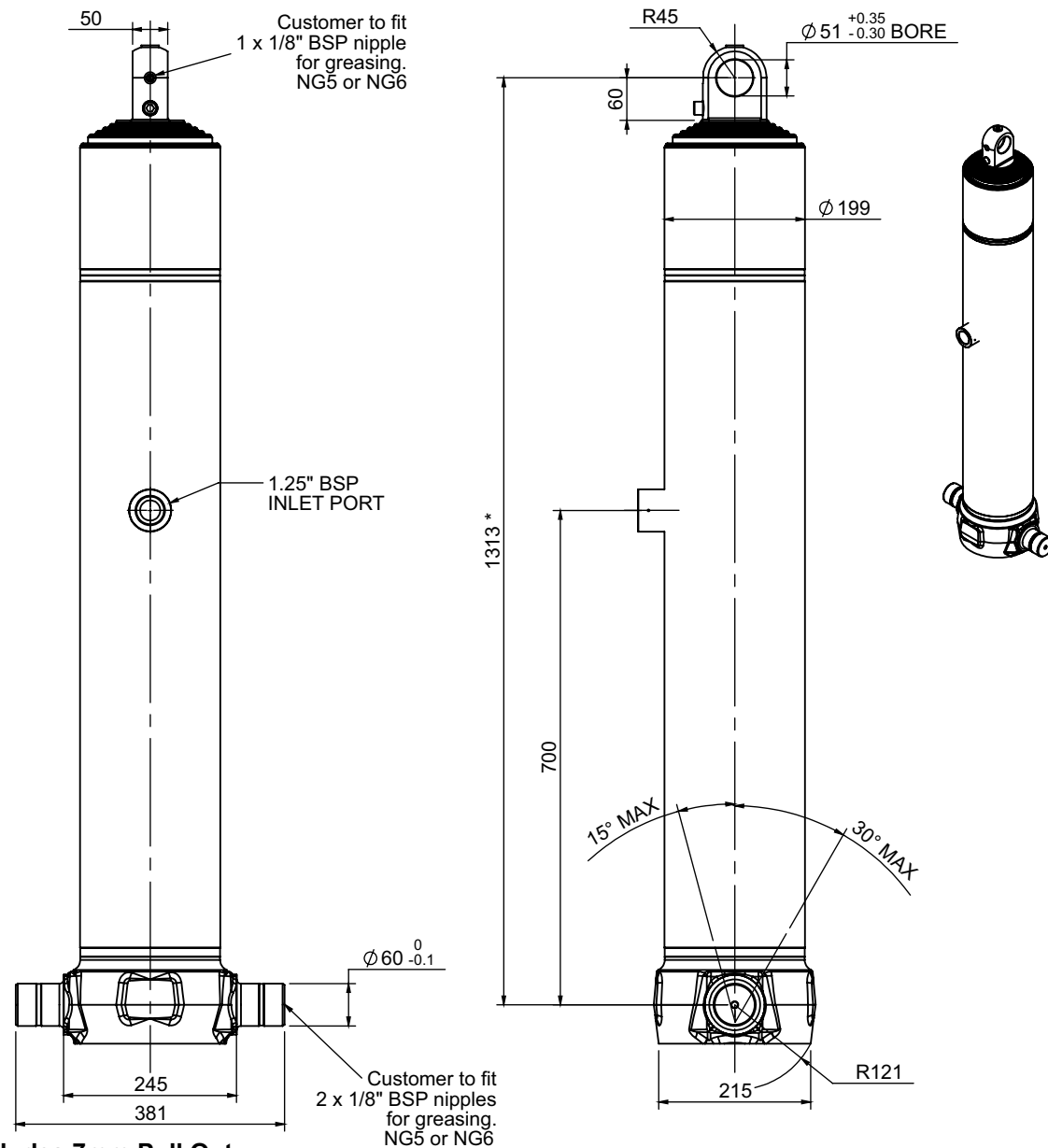


Cylinder 5 stage front end with plain eye



*Includes 7mm Pull Out.

CS17LE55233B70A02

SPECIFICATION		TIPPING CAPACITY : 39-57 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
0	199	1275	-	-
1	176	1240	1020	25
2	155	1240	1037	20
3	136	1240	1047	15
4	117	1240	1062	11
5	98	1240	1067	8
		Total (+5/-10)	5233	79
Final stroke reduced by	0	Priming Volume		17.8
Cylinder Mass (Kg)	182	Total Volume (Litres)		96.8
Maximum Pressure (Bar)	190	Max. first stage thrust		265 KN

***TIPPING CAPACITY AT WORKING PRESSURE

The diagram illustrates the geometry of a crane boom. It shows a horizontal boom of length BL. A hook is positioned at a distance d from the left end. The center of gravity (CG) is located at a distance L = BL/2 - OH from the hook. The weight W acts downwards at the CG. The tipping angle T is shown between the boom and the vertical line through the hook. The hook offset OH is the distance from the boom's end to the hook's vertical line.

$d = 0$; $r = 900$; Working Pressure 185 bar

BODY LENGTH (BL)						OH
6700		7050		7400		
43	48°	41	45°	39	43°	150
49	51°	45	48°	43	45°	450
57	53°	52	50°	48	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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