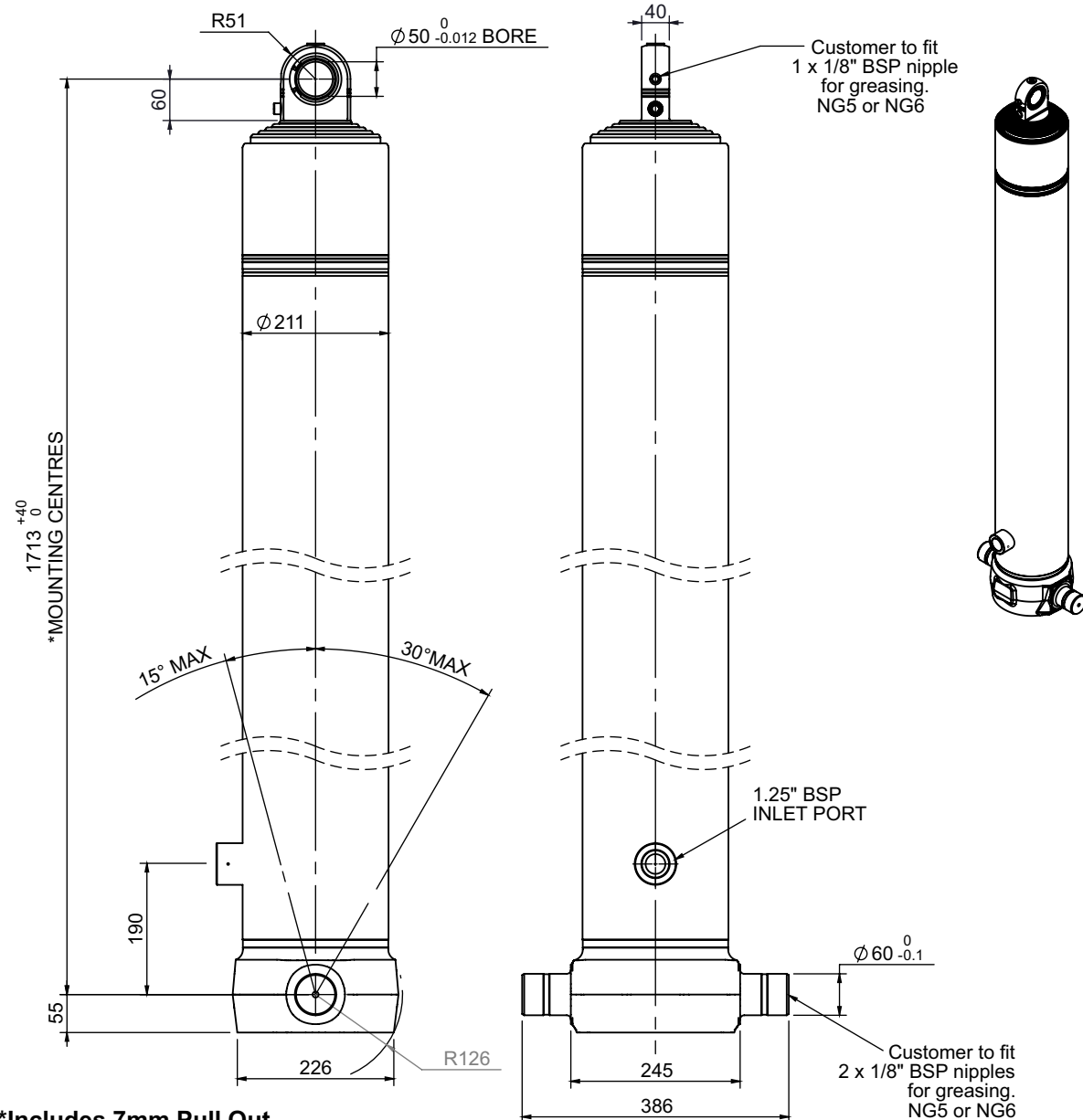


Cylinder 5 stage front end with spherical eye



*Includes 7mm Pull Out.

CS18LS57233B19A02

SPECIFICATION

TIPPING CAPACITY : 31-40 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
0	211	1675	-	-
1	188	1640	1170	39
2	167	1640	1437	31
3	147	1640	1447	25
4	127	1640	1462	19
5	105	1640	1467	13
Total (+5/-10)			6983	127
Final stroke reduced by		0	Priming Volume	23
Cylinder Mass (Kg)		269	Total Volume (Litres)	150
Maximum Pressure (Bar)		190	Max. first stage thrust	200 KN

***TIPPING CAPACITY AT WORKING PRESSURE

Diagram illustrating the geometry of the crane boom and the tipping angle T . The diagram shows a horizontal boom of length BL (Body Length) and diameter d . The tipping point is located at a distance $L = BL/2 - OH$ from the boom center, where OH is the overhead distance. The tipping angle T is shown between the boom and the vertical. The weight W acts downwards from the boom center.

$d = 0$; $r = 900$; 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

Hoppe-Truck-Hydraulik GmbH & Co.KG
Püßelbürener Damm 244, 49479 Ibbenbüren
Tel.: +49 (0) 5451-50230320, Fax: +49 (0) 5451-50230348
Email: info@hoppe.parts Web: www.hoppe.parts

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