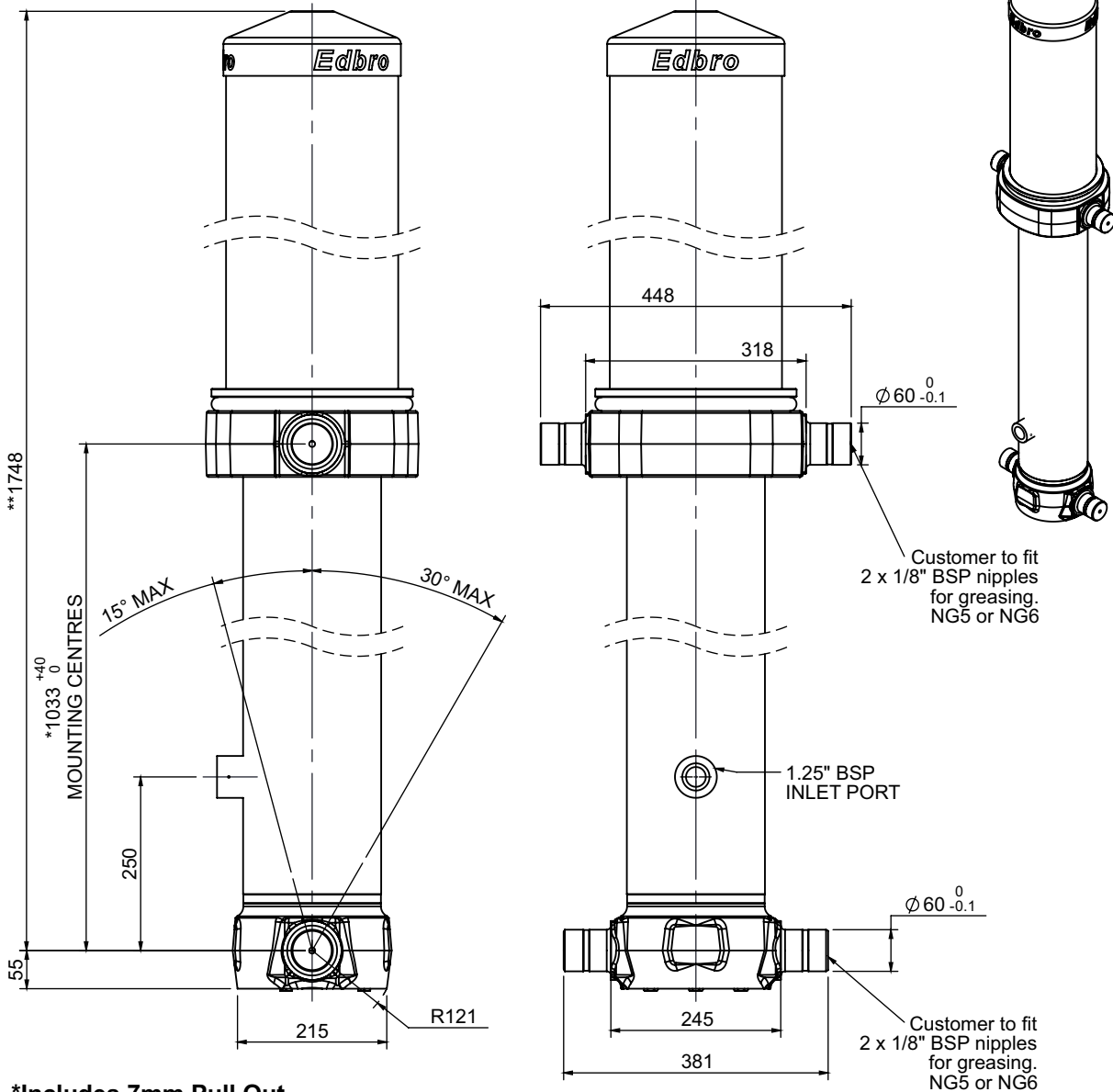


Cylinder 5 stage front end with outer cover

**ALLOW 50mm TO REMOVE CAP FOR SERVICING



*Includes 7mm Pull Out.

CS17L057233B25A15

SPECIFICATION

TIPPING CAPACITY : 33-44 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	248	680	-	-
0	199	1675	-	-
1	176	1640	1420	35
2	155	1640	1437	27
3	136	1640	1447	21
4	117	1640	1462	16
5	98	1640	1467	11
Total (+5/-10)			7233	110
Final stroke reduced by	0	Priming Volume		22.3
Cylinder Mass (Kg)	284	Total Volume (Litres)		132.3
Maximum Pressure (Bar)	190	Max. first stage thrust		200 KN

***TIPPING CAPACITY AT WORKING PRESSURE

Diagram illustrating the geometry of the crane boom and hook assembly. The boom has a diameter d and a body length BL . The distance from the boom center to the hook is $L = BL/2 - OH$. The hook offset is OH . The body and payload mass is W .

$d = 229$; $r = 900$; Working Pressure 150 bar

BODY LENGTH (BL)	OH					
8500	9000	9500				
36	51°	34	47°	33	45°	150
40	53°	37	49°	35	46°	450
44	55°	40	51°	38	48°	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

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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