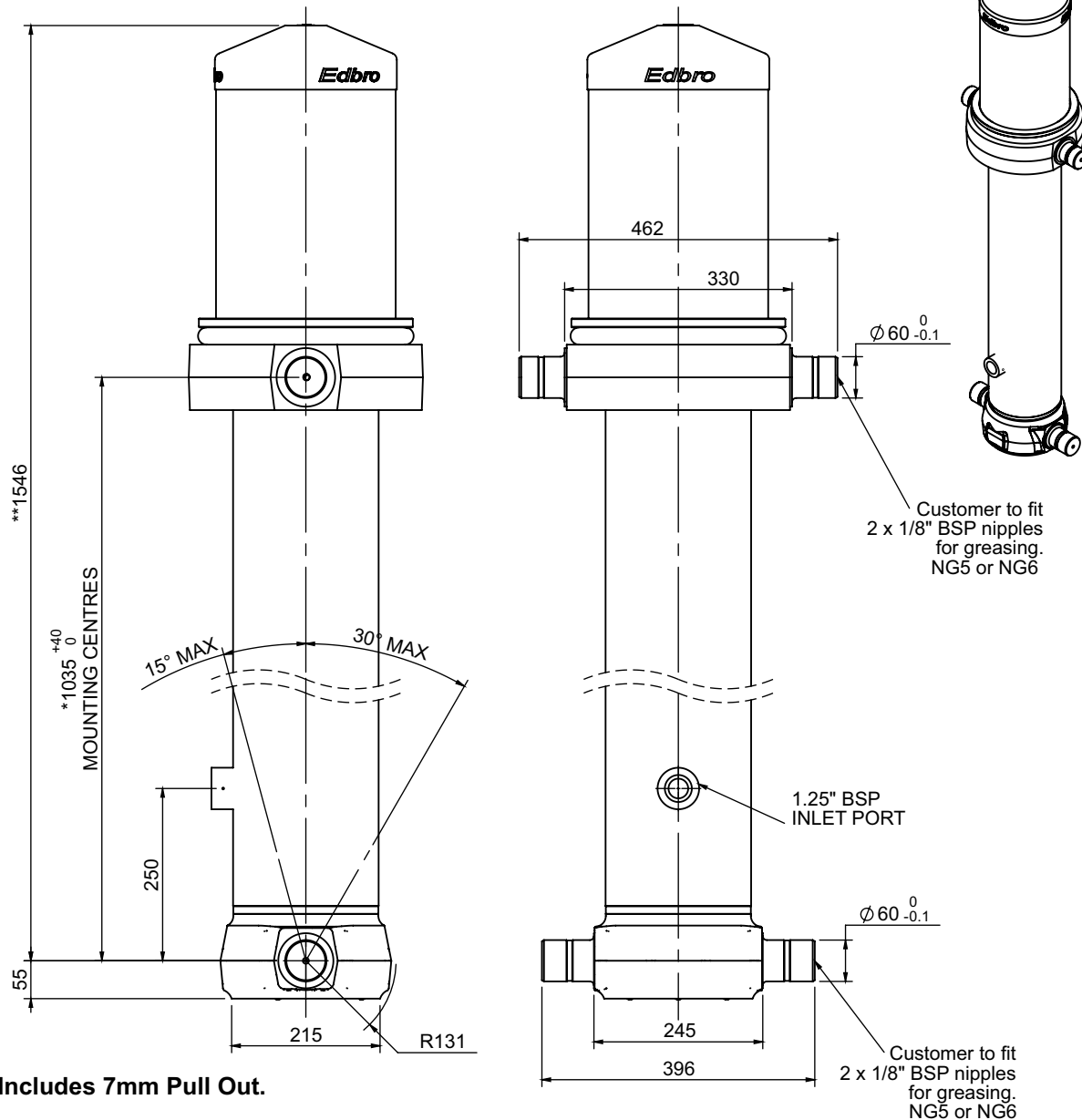


Cylinder 5 stage front end with outer cover

** ALLOW 50mm TO REMOVE CAP FOR SERVICING



CS18L056233B25A15

SPECIFICATION		TIPPING CAPACITY : 34-49 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	475	-	-
0	211	1475	-	-
1	188	1440	1220	34
2	167	1440	1237	27
3	147	1440	1247	21
4	127	1440	1262	16
5	105	1440	1267	11
		Total (+5/-10)	6233	109
Final stroke reduced by		0	Priming Volume	20.3
Cylinder Mass (Kg)		296	Total Volume (Litres)	129.3
Maximum Pressure (Bar)		190	Max. first stage thrust	200 KN

***TIPPING CAPACITY AT WORKING PRESSURE

The diagram illustrates the geometry of a crane boom. It shows a horizontal boom of diameter d and total body length BL . The distance from the boom's centerline to the hook is $L = BL/2 - OH$, where OH is the hook offset. A vertical force W (representing the body and payload mass) acts downwards at the center of the boom. A tipping angle T is indicated between the boom and the horizontal.

BODY LENGTH (BL)						OH
7500		8000		8500		
38	49°	36	46°	34	43°	150
43	51°	39	48°	37	45°	450
49	54°	43	50°	40	47°	750

$d = 229$; $r = 900$; Working Pressure 135 bar

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

HTH HOPPE PARTS