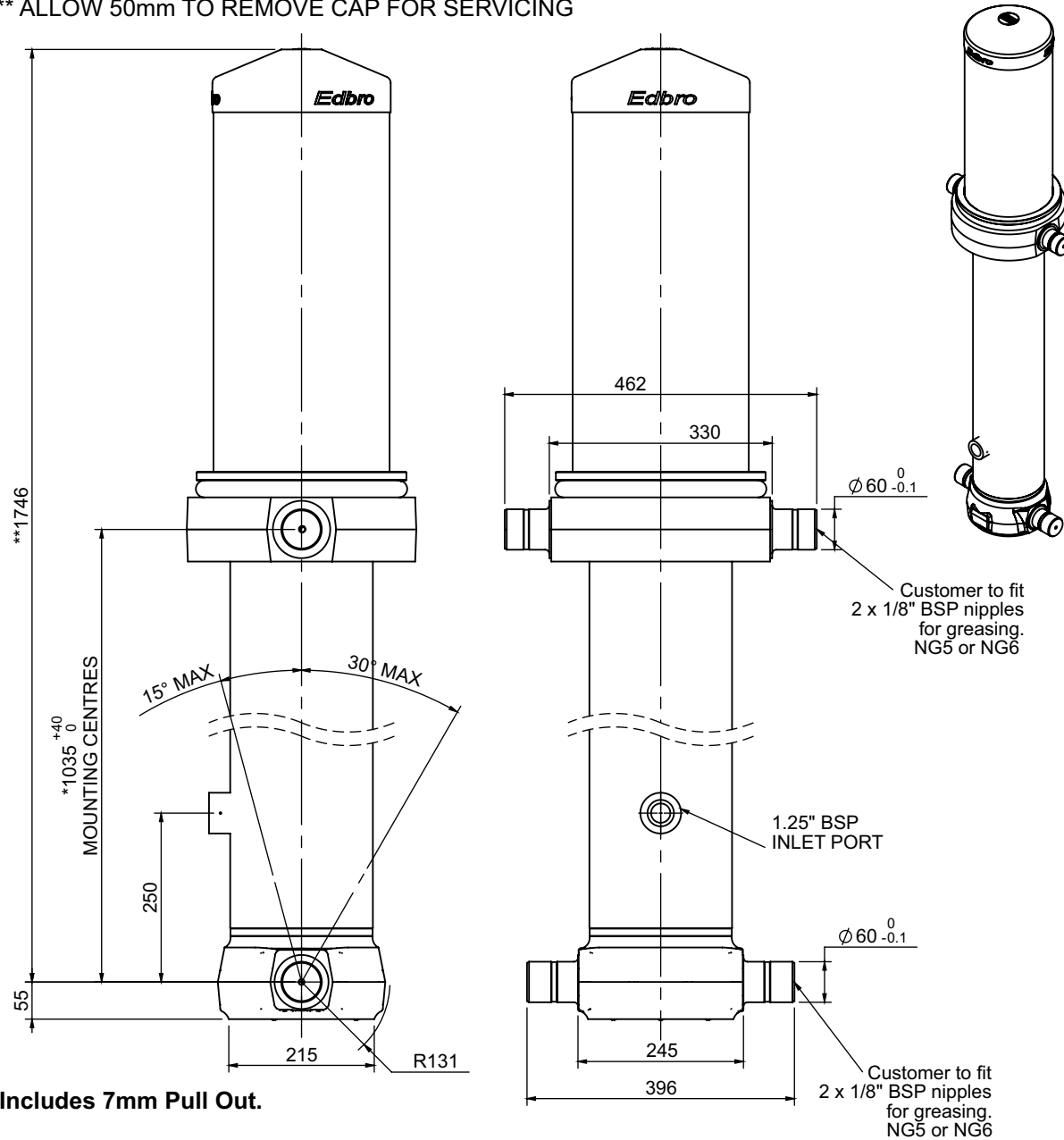


Cylinder 5 stage front end with outer cover

** ALLOW 50mm TO REMOVE CAP FOR SERVICING



*Includes 7mm Pull Out.

CS18L057233B25A15

SPECIFICATION		TIPPING CAPACITY : 34-46 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	675	-	-
0	211	1675	-	-
1	188	1640	1420	39
2	167	1640	1437	31
3	147	1640	1447	25
4	127	1640	1462	19
5	105	1640	1467	13
		Total (+5/-10)	7233	127
Final stroke reduced by	0	Priming Volume		23.5
Cylinder Mass (Kg)	331	Total Volume (Litres)		150.5
Maximum Pressure (Bar)	190	Max. first stage thrust		200 KN

***TIPPING CAPACITY AT WORKING PRESSURE

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

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

BODY LENGTH (BL)						OH
8500		9000		9500		
37	51°	35	47°	34	45°	150
41	53°	38	49°	36	46°	450
46	55°	42	51°	39	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

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