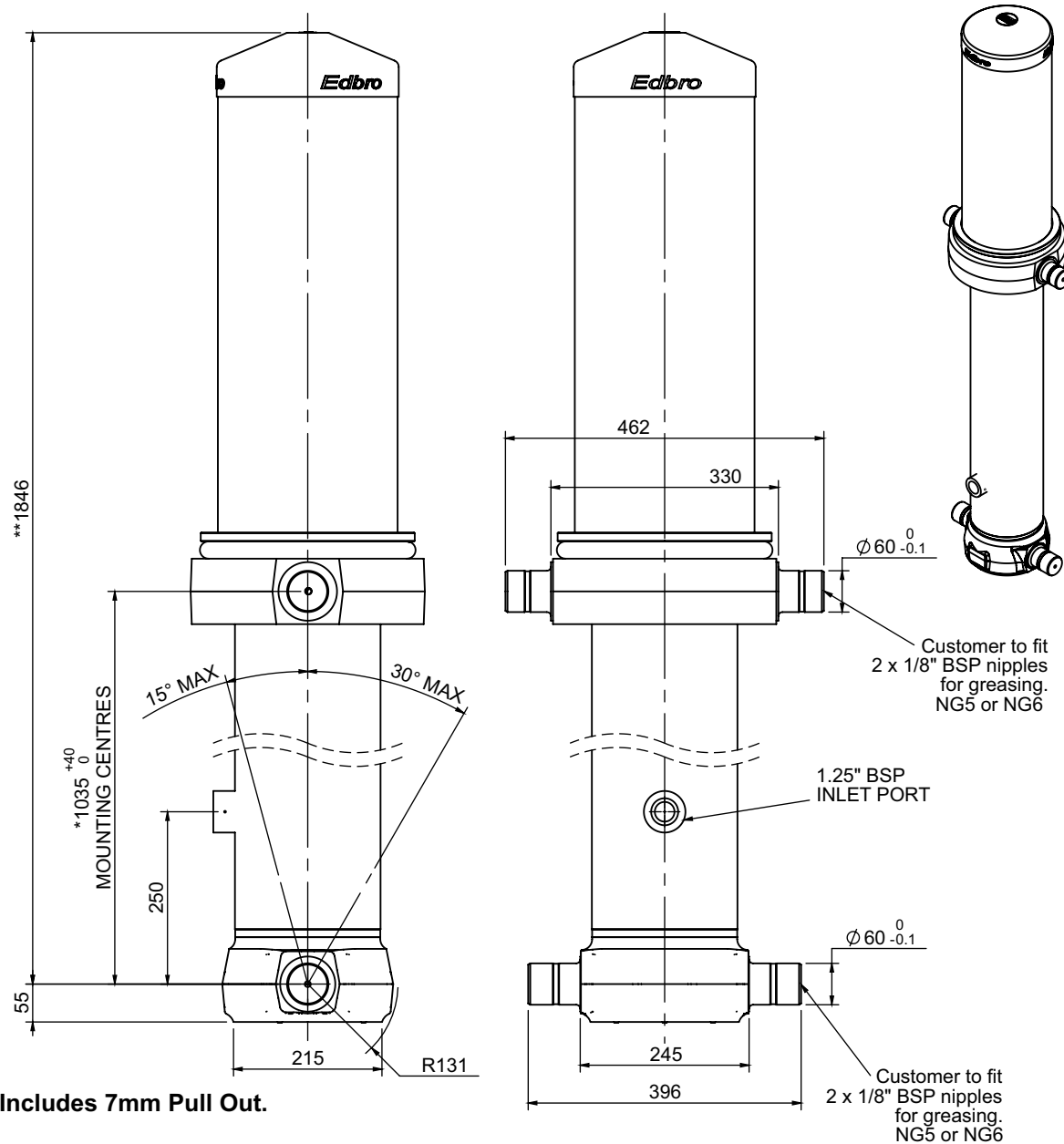


Cylinder 5 stage front end with outer cover

** ALLOW 50mm TO REMOVE CAP FOR SERVICING



*Includes 7mm Pull Out.

CS18L057733B25A15

SPECIFICATION

TIPPING CAPACITY : 34-45 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	775	-	-
0	211	1775	-	-
1	188	1740	1520	42
2	167	1740	1537	34
3	147	1740	1547	26
4	127	1740	1562	20
5	105	1740	1567	14
		Total (+5/-10)	7733	136
Final stroke reduced by	0	Priming Volume		25.1
Cylinder Mass (Kg)	349	Total Volume (Litres)		161.1
Maximum Pressure (Bar)	190	Max. first stage thrust		200 KN

***TIPPING CAPACITY AT WORKING PRESSURE

Diagram illustrating the dimensions of a crane hook cross-section:

- d : Hook thickness
- Body Length (BL): Total length of the body
- $L = BL/2 - OH$: Distance from the hook tip to the center of gravity
- W : Weight of the body and payload
- OH : Hook offset

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

BODY LENGTH (BL)	OH					
9000		9500		10000		
37	51°	35	48°	34	46°	
40	53°	38	50°	36	47°	
45	55°	41	52°	39	49°	

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

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HTH HOPPE PARTS