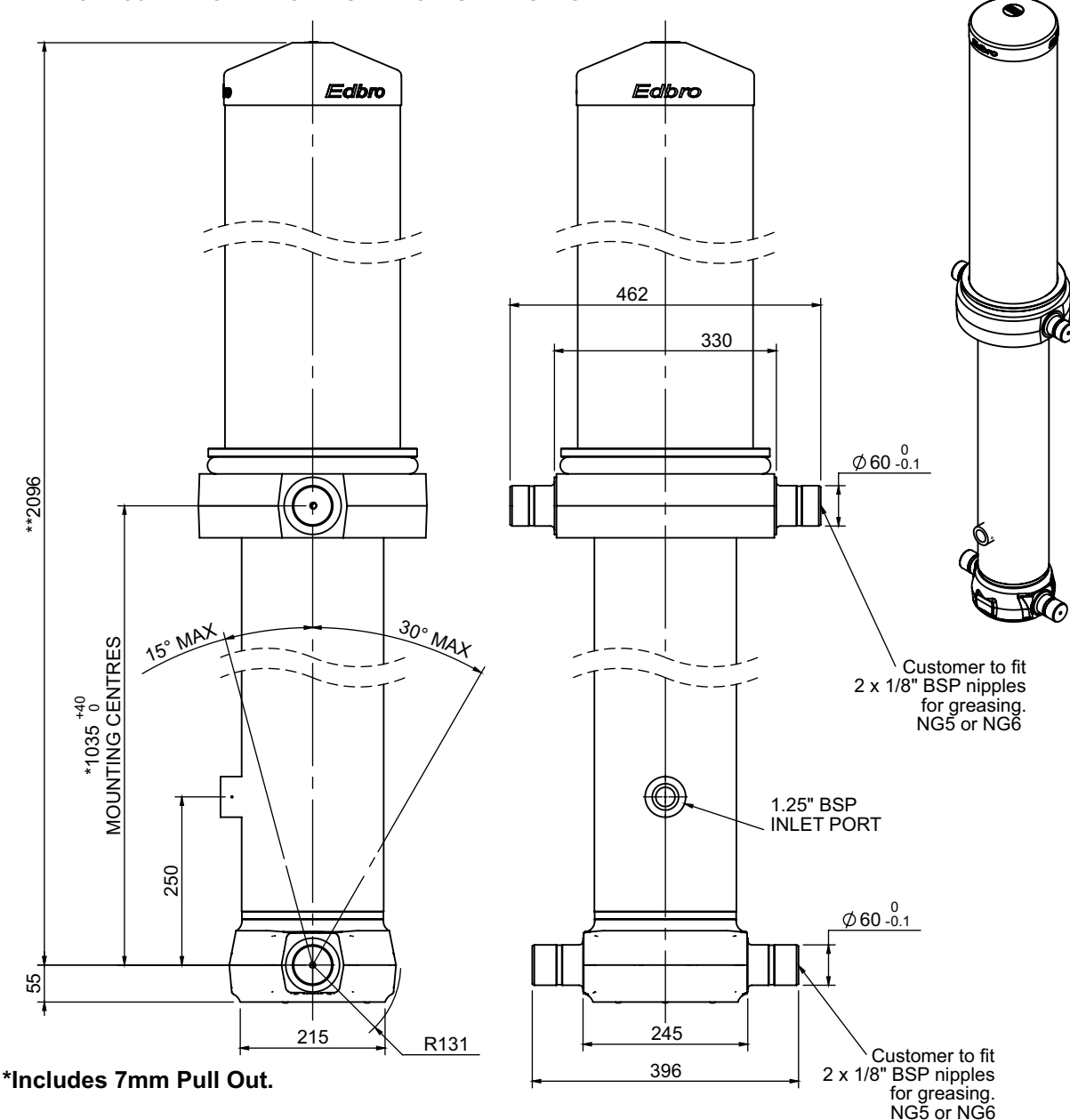


Cylinder 5 stage front end with outer cover

** ALLOW 50mm TO REMOVE CAP FOR SERVICING



CS18L058983B25A15

SPECIFICATION

TIPPING CAPACITY : 30-38 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	1025	-	-
0	211	2025	-	-
1	188	1990	1770	49
2	167	1990	1787	39
3	147	1990	1797	31
4	127	1990	1812	23
5	105	1990	1817	16
Total (+5/-10)			8983	158
Final stroke reduced by		0		Priming Volume
Cylinder Mass (Kg)		393		Total Volume (Litres)
Maximum Pressure (Bar)		190		Max. first stage thrust
				200 KN

***TIPPING CAPACITY AT WORKING PRESSURE

The diagram illustrates the geometry of a crane hook. It shows a cross-section of the hook with a diameter d . The body length is labeled as BL . The distance from the center of the hook to the center of the body is $L = BL/2 - OH$, where OH is the hook offset. The hook radius is L . The body + payload mass is W . The hook offset is OH .

BODY LENGTH (BL)						OH
10250		10750		11250		
32	52°	31	50°	30	47°	150
35	54°	33	51°	32	49°	450
38	56°	35	53°	34	50°	750

$d = 229$; $r = 900$; Working Pressure 120 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