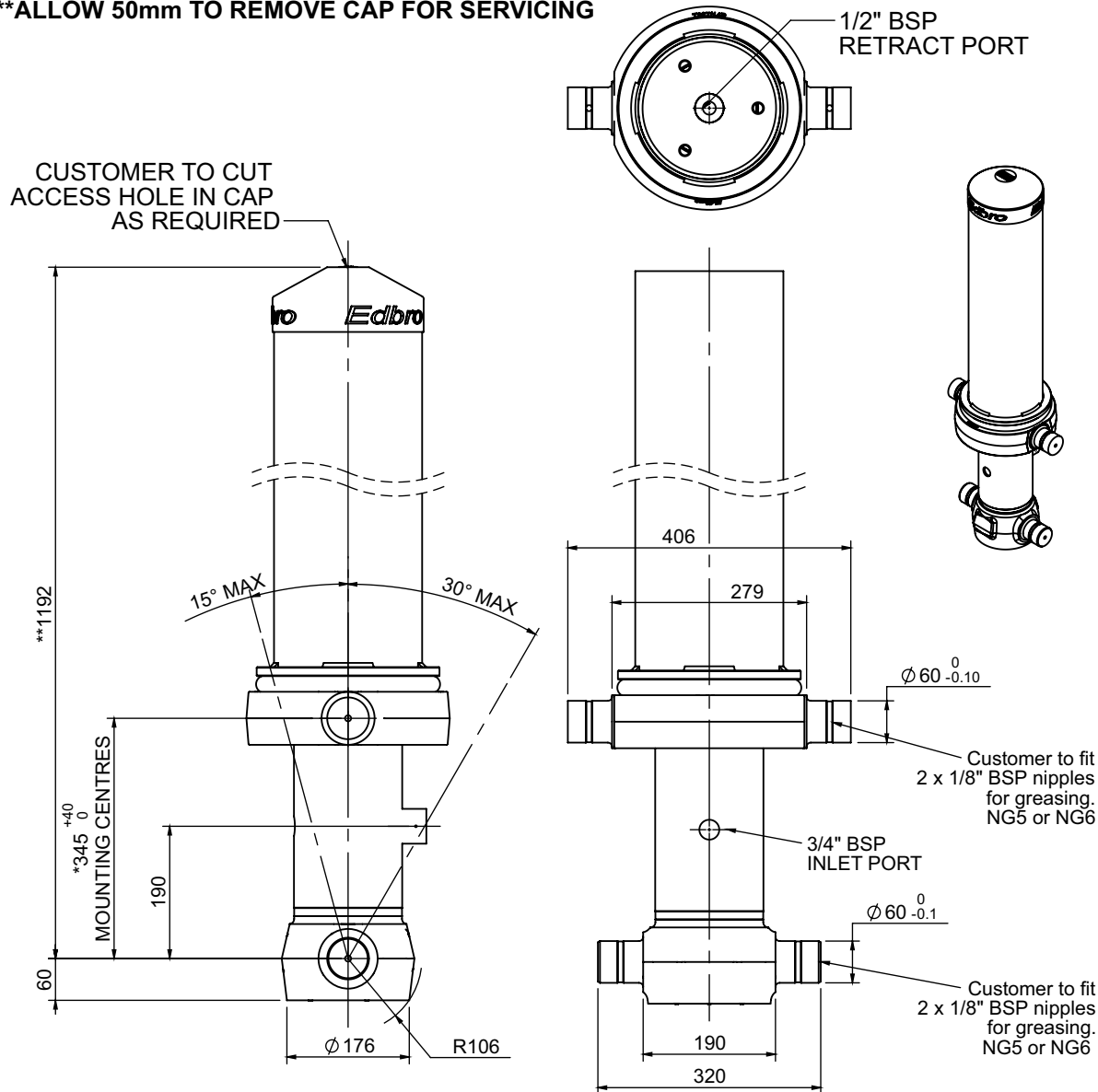


Cylinder 4 stage with double acting 4th stage

****ALLOW 50mm TO REMOVE CAP FOR SERVICING**



*Includes 14mm Pull Out.

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SPECIFICATION		TIPPING CAPACITY :21-42 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	213	805	-	-
0	155	1125	-	-
1	136	1090	883	13
2	117	1090	912	10
3	98	1090	917	7
4R	87	1090	849	-
4	79	1090	849	4
		Total (+5/-10)	3561	34
Final stroke reduced by	0	Priming Volume		9
Cylinder Mass (Kg)	149	Total Volume (Litres)		43
Maximum Pressure (Bar)	150	Max. first stage thrust		170 KN

***TIPPING CAPACITY AT WORKING PRESSURE

Body Length (BL)		BODY LENGTH (BL)				OH
		4500	4750	5000		
23	47°	22	44°	21	42°	150
29	50°	26	47°	24	45°	450
42	54°	35	51°	31	48°	750

d = 178; r = 750; Working Pressure 135 bar

Tipping angle (T)

Body + payload mass, W (tonne)

Retract force @ Stage 4 = 15.65kN @150bar maximum pressure

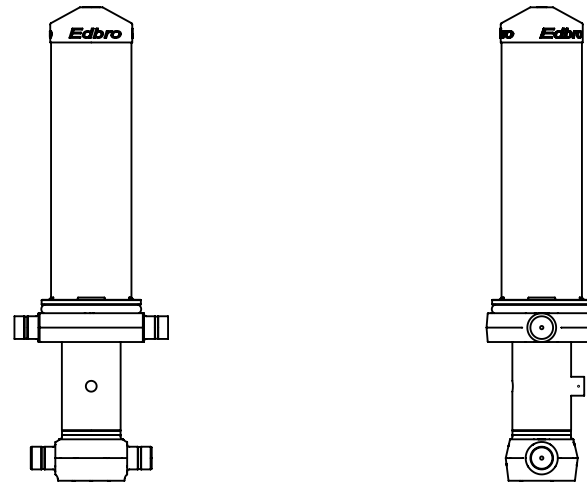
NOTES

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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