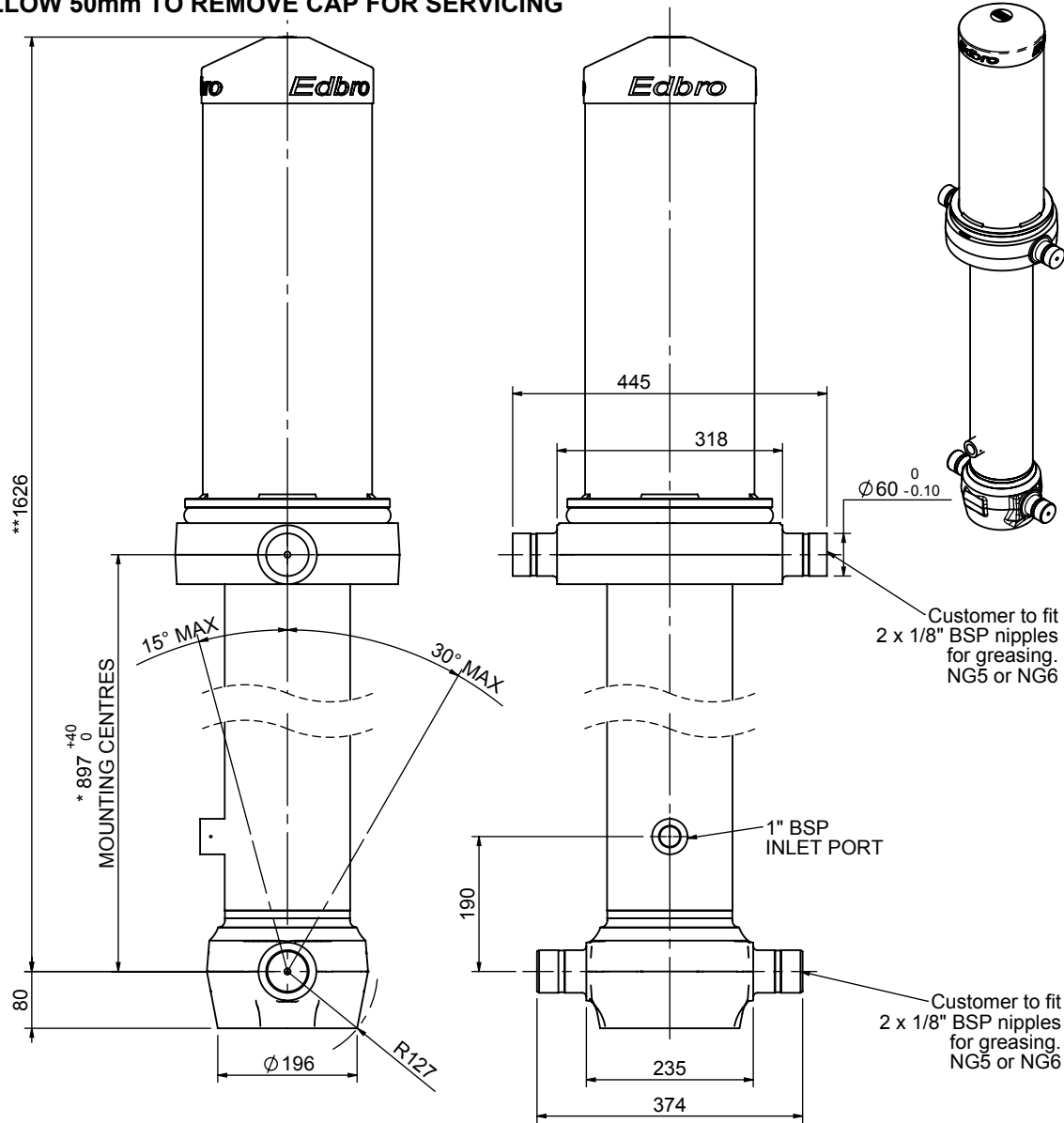


Cylinder 5 stage front end with outer cover

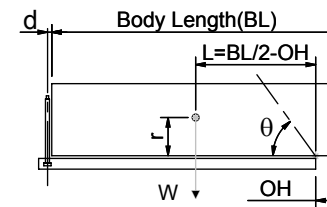
****ALLOW 50mm TO REMOVE CAP FOR SERVICING**



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SPECIFICATION		TIPPING CAPACITY : 21-29 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	239	690	-	-
0	177	1575	-	-
1	155	1540	1325	25
2	136	1540	1347	20
3	117	1540	1362	15
4	98	1540	1367	10
5	79	1540	1372	7
Total (+5/-10)			6773	77
Final stroke reduced by	0	Priming Volume		16
Cylinder Mass (Kg)	237	Total Volume (Litres)		93
Maximum Pressure (Bar)	190	Max. first stage thrust		225 KN

***TIPPING CAPACITY AT WORKING PRESSURE



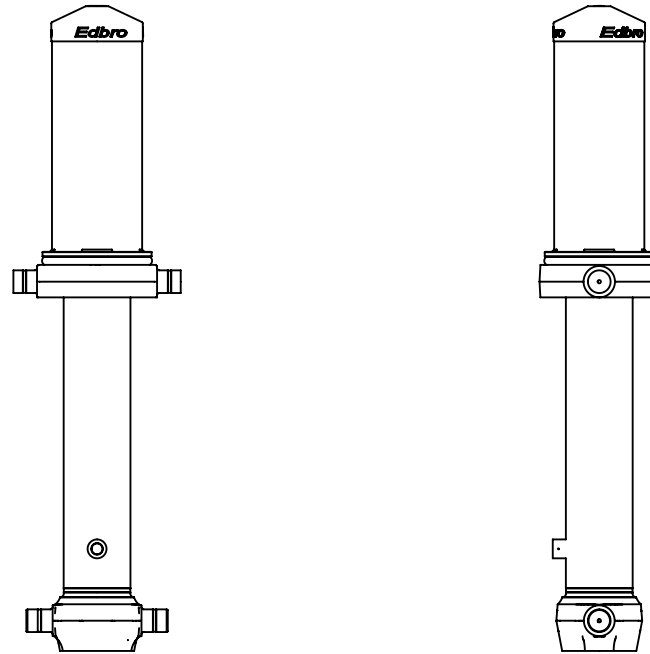
		BODY LENGTH (BL)				OH
		8000	8500	9000		
23	50°	22	47°	21	44°	150
26	52°	24	49°	23	46°	450
29	55°	26	51°	24	48°	750

$d = 229$; $r = 750$; Working Pressure 150 bar
 Tipping angle (θ)
 Body + payload mass, W (tonne)

For guidance only;
 Higher working pressures and tipping capacities may be possible.
 To check your application email - applications@edbro.co.uk

NOTES

1. This cylinder is for lifting purposes only and side load conditions should be avoided
2. Cylinder is painted in primer paint to RAL5013
3. Refer to www.edbro.com for:-
 - Bracket details
 - Installation instructions that must be observed
 - Correct oil selection
 - An explanation of tipping capacity



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