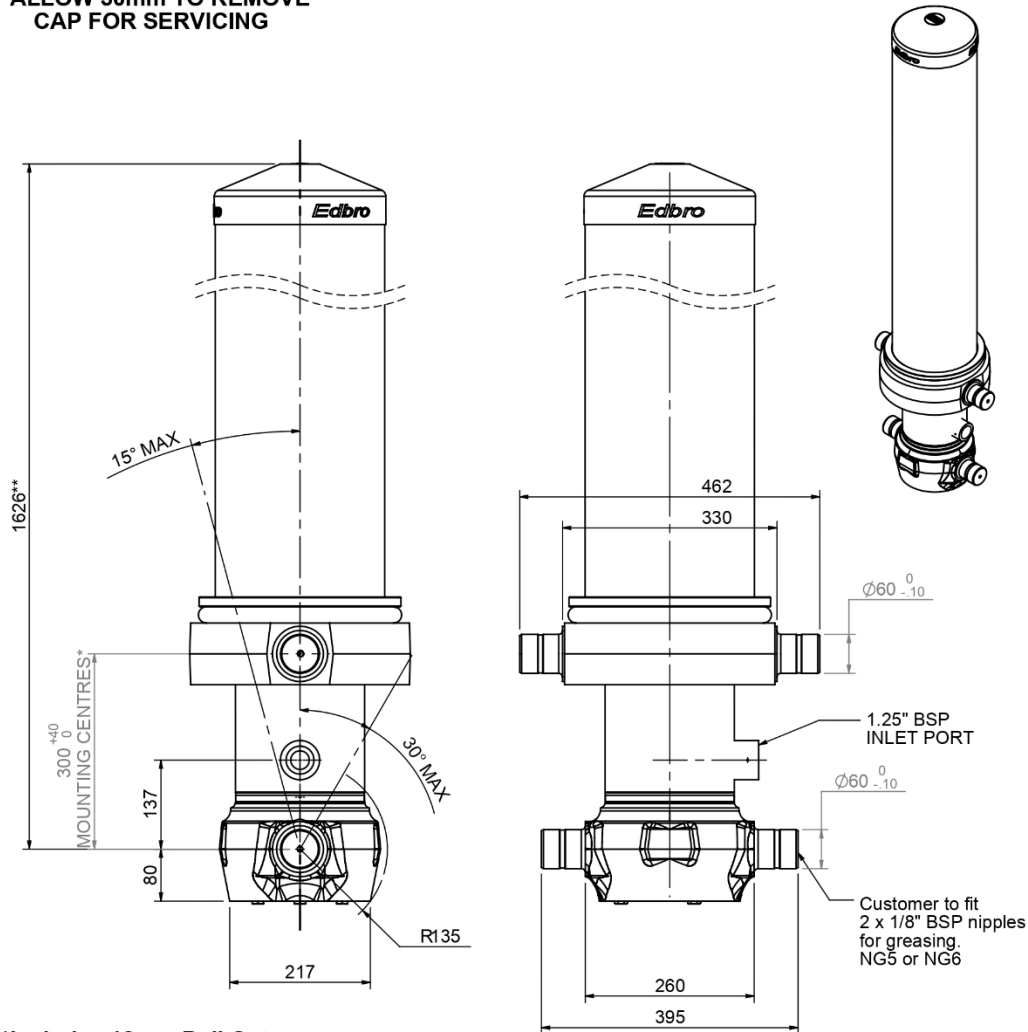


Cylinder 5 stage front end with Outer Cover

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



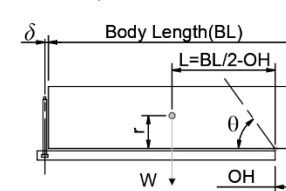
***Includes 12mm Pull Out**

CS170056733N14A10

SPECIFICATION		RATED CAPACITY : 37-51 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	1290	-	-
0	199	1575	-	-
1	176	1540	1314	32
2	155	1540	1337	25
3	136	1540	1347	20
4	117	1540	1362	15
5	98	1540	1367	10
Final stroke reduced by	0	Total (+5/-10)	6727	102
Cylinder Mass (Kg)	313.57	Priming Volume	21	
Rated Pressure (Bar)	175	Total Volume (Litres)	123	
Maximum Pressure (Bar)	175	Max. first stage thrust	260 KN	

*****TIPPING CAPACITY AT RATED PRESSURE**

d = 229 ; r = 900



BODY LENGTH (BL)						OH
8250		8750		9250		
41	48	39	45	37	42	150
45	50	42	47	40	44	450
51	52	46	48	43	46	750

Tipping angle (θ)
Body + payload mass, W (tonne)

For guidance only;

Higher Rated Pressures may be possible. To check your application, email Edbro plc at <applications@edbro.co.uk>

NOTES

- If hydraulic pressure is used to limit overloading, the system relief valve must be set to the Rated Pressure unless agreed otherwise by Edbro
- The system relief valve can be set to Maximum Pressure if the load is limited by other means. See RATINGS page for advice
- This cylinder is for lifting purposes only and sideload conditions must be avoided
- Cylinder is painted in primer paint to RAL5013
- See bracket options page BRKT01, BRKT02
- See installation instructions INSTALL01
- Use oil according to specification OIL01