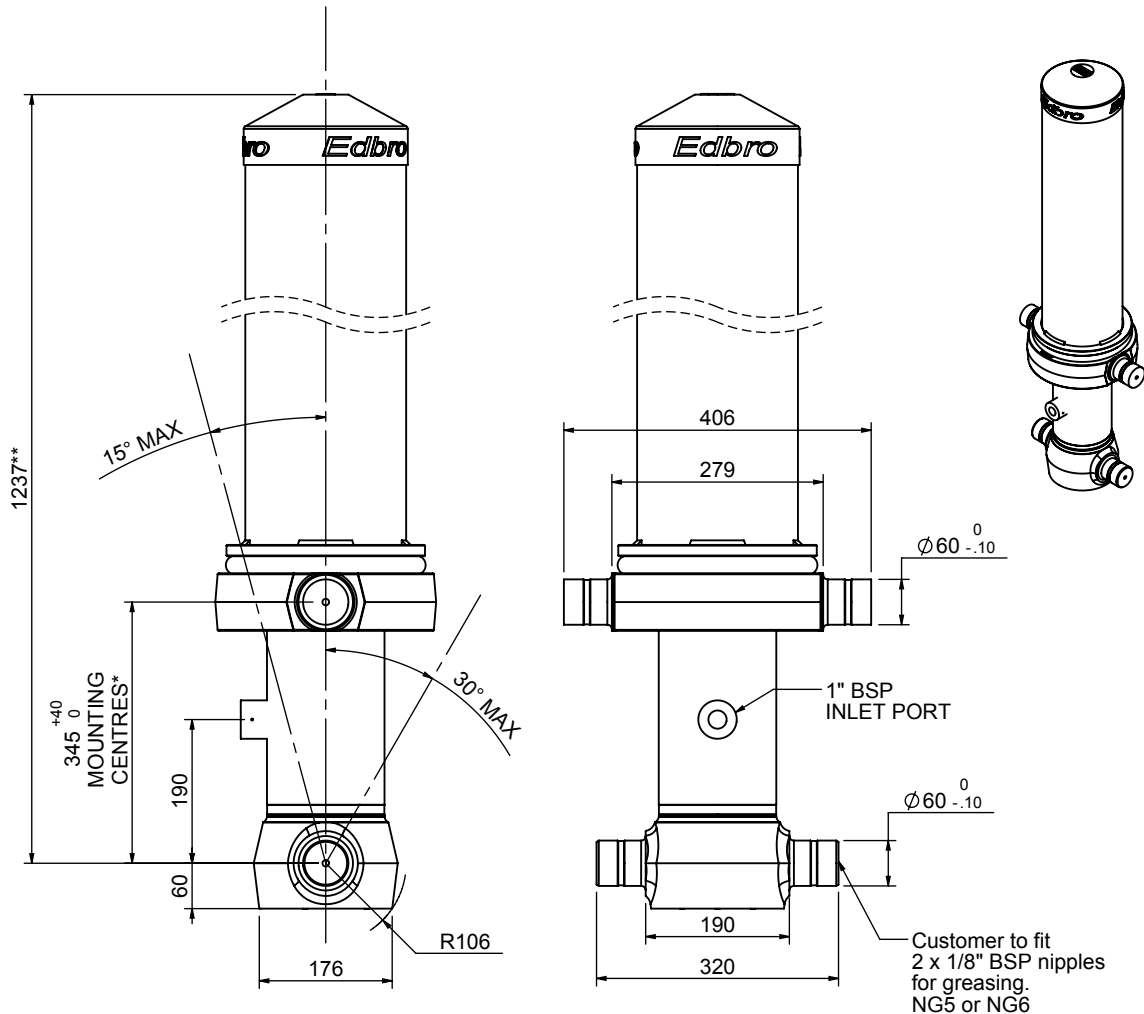


Cylinder 4 stage front end with Outer Cover

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



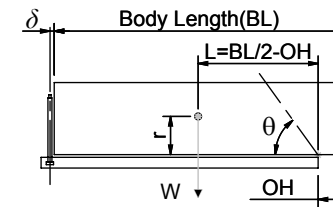
***Include 9mm Pull Out**

CS130043441B19J11

SPECIFICATION		RATED CAPACITY : 23-46 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
OUTER COVER	213	840	-	-
0	155	1175	-	-
1	136	1140	938	14
2	117	1140	962	10
3	98	1140	967	7
4	79	1140	572	3
Final stroke reduced by	400	Total (+5/-10)	3439	34
Cylinder Mass (Kg)	176.22	Priming Volume	9.7	
Rated Pressure (Bar)	135	Total Volume (Litres)	43.7	
Maximum Pressure (Bar)	175	Max. first stage thrust	170 KN	

***TIPPING CAPACITY AT RATED PRESSURE

d = 178 ; r = 750



BODY LENGTH (BL)						OH
4250		4500		4750		
27	47°	25	44°	23	42°	150
37	51°	31	48°	28	45°	450
		46	52°	38	48°	750

Labels: 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 sload 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

Edbro
SETTING THE INDUSTRY STANDARD

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Date Created/Updated: 22 December 2009 16:41:05
Refer www.edbro.com to confirm latest specification
All dimensions are in 'mm', unless otherwise stated