Cylinder 4 stage front end with Outer Cover

CS130045841B19A11C

**ALLOW 50mm TO REMOVE CAP FOR SERVICING

15° MAX

1737**

30° MAX

345 +40/0 MOUNTING CENTRES*

190

60

R106

176

406

279

Ø 60 0/-.10

1" BSP INLET PORT

Ø 60 0/-.10

190

320

Customer to fit 2 x 1/8" BSP nipples for greasing. NG5 or NG6
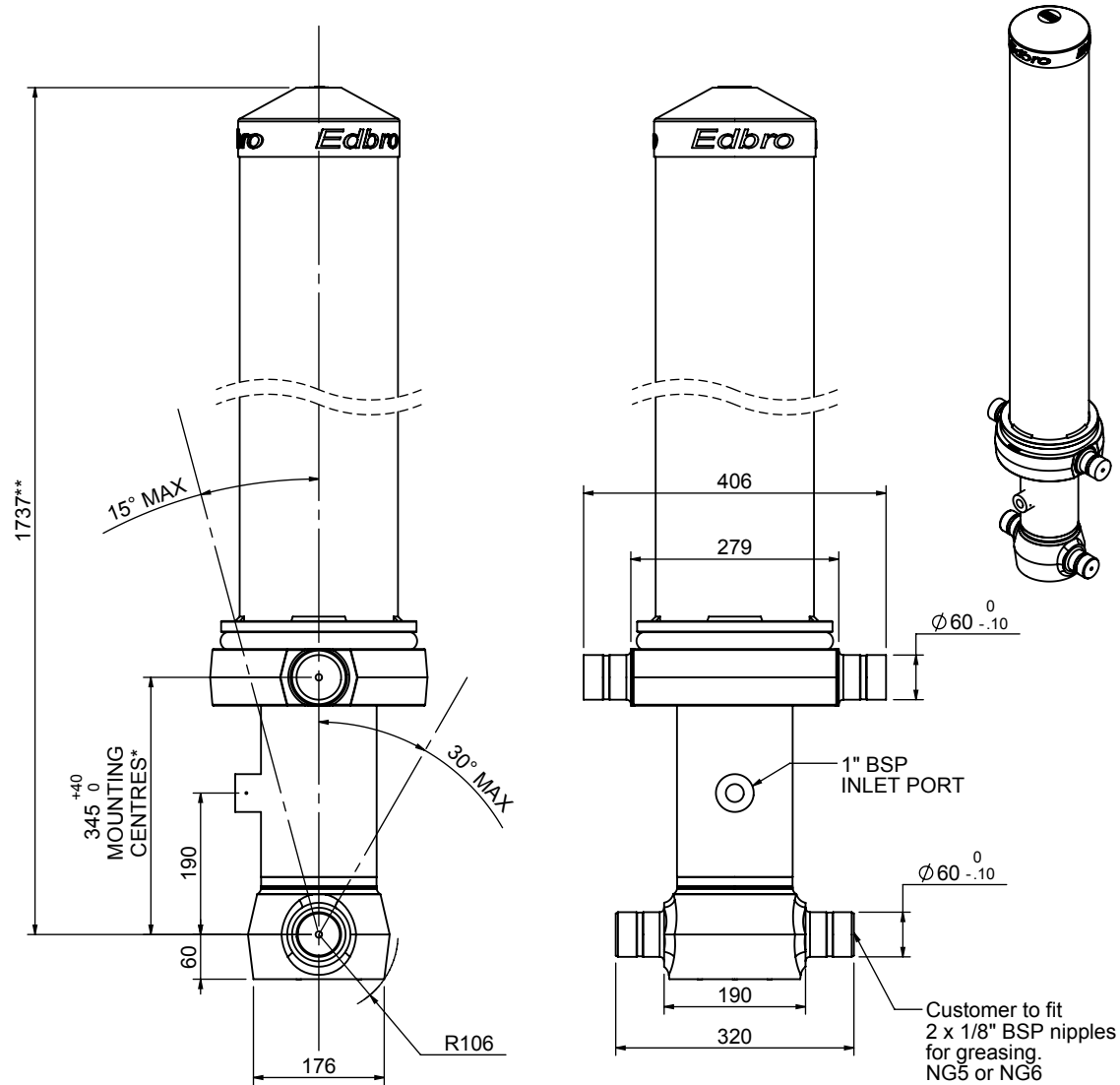
*Include 9mm Pull Out
All Stages Fully Chromed

SPECIFICATION — RATED CAPACITY : 24-33 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
OUTER COVER	213	1340	-	-
0	155	1675	-	-
1	136	1640	1438	21
2	117	1640	1462	16
3	98	1640	1467	11
4	79	1640	1472	7
Final stroke reduced by	0	Total (+5/-10) 5839		55
Cylinder Mass (Kg)	283.67	Priming Volume		14.5
Rated Pressure (Bar)	175	Total Volume (Litres)		69.5
Maximum Pressure (Bar)	175	Max. first stage thrust		170 KN

***TIPPING CAPACITY AT RATED PRESSURE

d = 178 ; r = 750

δ Body Length(BL)

L=BL/2-OH

r

θ

W   OH
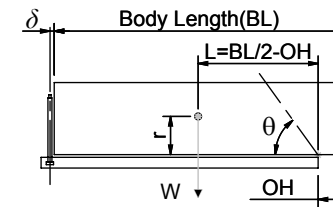
BODY LENGTH (BL)						OH
7000		7500		8000		
26	49°	25	46°	24	43°	150
29	52°	27	48°	26	45°	450
33	54°	30	50°	28	47°	750

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

Edbro
SETTING THE INDUSTRY STANDARD

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