Cylinder 5 stage front end with Outer Cover

CS180057233B25A15

**ALLOW 50mm TO REMOVE CAP FOR SERVICING

15° MAX

1726**

1035 +40/0 MOUNTING CENTRES*

250

80

30° MAX

R140

230

462

330

Ø60 0/-.10

1.25" BSP INLET PORT

Ø60 0/-.10

Customer to fit 2 x 1/8" BSP nipples for greasing. NG5 or NG6

260

392
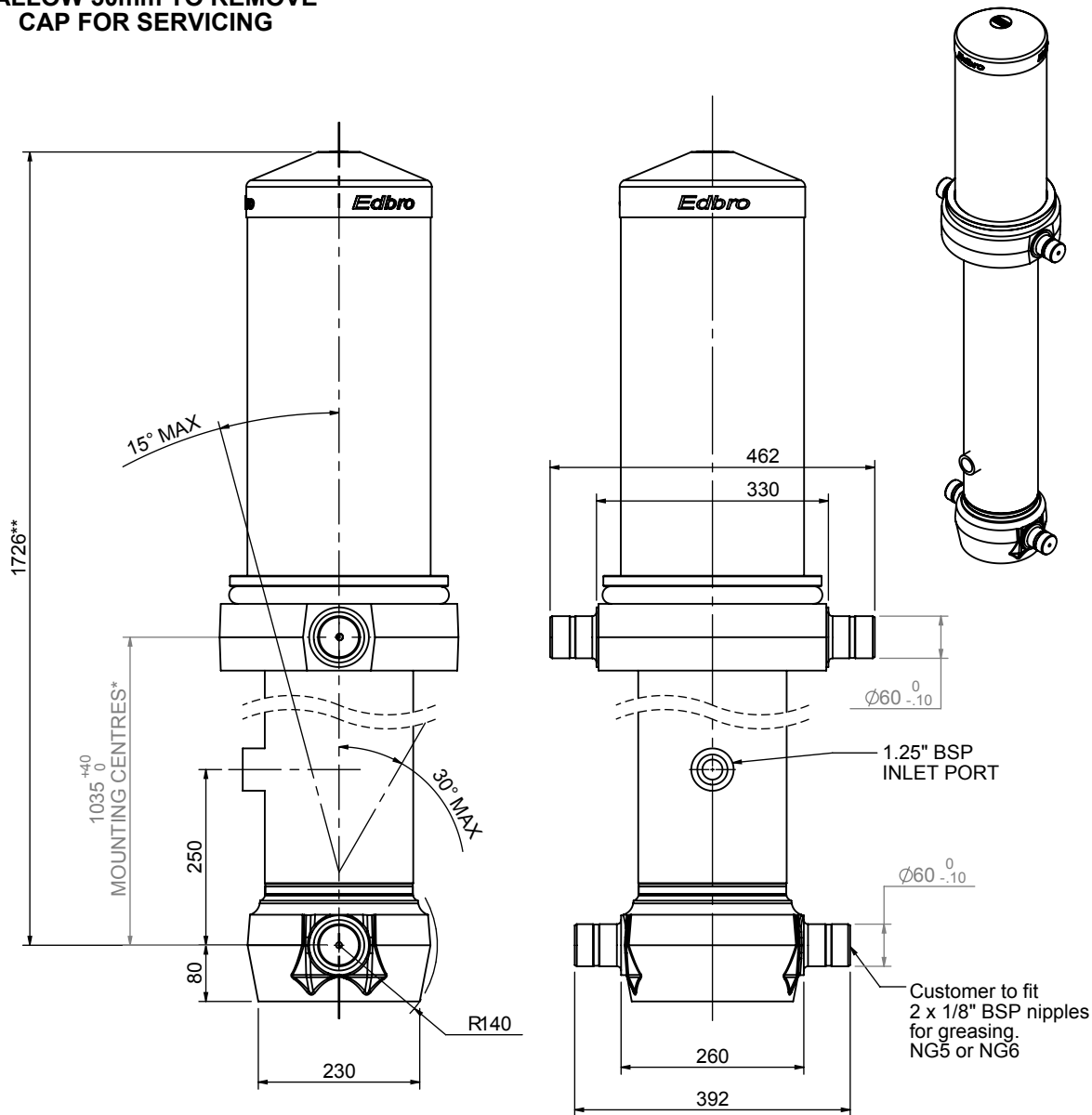
*Includes 12mm Pull Out

SPECIFICATION			RATED CAPACITY : 44-59 TONNES***	
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	655	-	-
0	211	1675	-	-
1	188	1640	1414	39
2	167	1640	1437	31
3	147	1640	1447	25
4	127	1640	1462	19
5	105	1640	1467	13
Final stroke reduced by	0	Total (+5/-10) 7227		127
Cylinder Mass (Kg)	351.16	Priming Volume		23
Rated Pressure (Bar)	175	Total Volume (Litres)		150
Maximum Pressure (Bar)	175	Max. first stage thrust		260 KN

***TIPPING CAPACITY AT RATED PRESSURE

$d = 229$; $r = 900$

δ

Body Length(BL)

$L = BL/2 - OH$

r

θ

W

OH
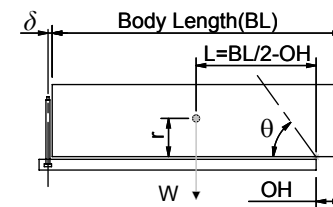
BODY LENGTH (BL)						OH
8500		9000		9500		
48	50°	46	47°	44	45°	150
53	53°	49	49°	47	46°	450
59	55°	54	51°	51	48°	750

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

Technical Specifications are subject to change without notice
Date Created/Updated: 26 August 2009 13:43:19
Refer www.edbro.com to confirm latest specification
All dimensions are in 'mm', unless otherwise stated