Cylinder 5 stage front end with Outer Cover

CS180059233B25A16

**ALLOW 50mm TO REMOVE CAP FOR SERVICING

15°MAX.

2126**

1200 +40/0 MOUNTING CENTRES*

250

80

462

330

30°MAX.

250

R140

230

Ø60 0/-.10

Ø60 0/-.10

260

392

1.25" BSP INLET PORT

Customer to fit 2 x 1/8" BSP nipples for greasing. NG5 or NG6
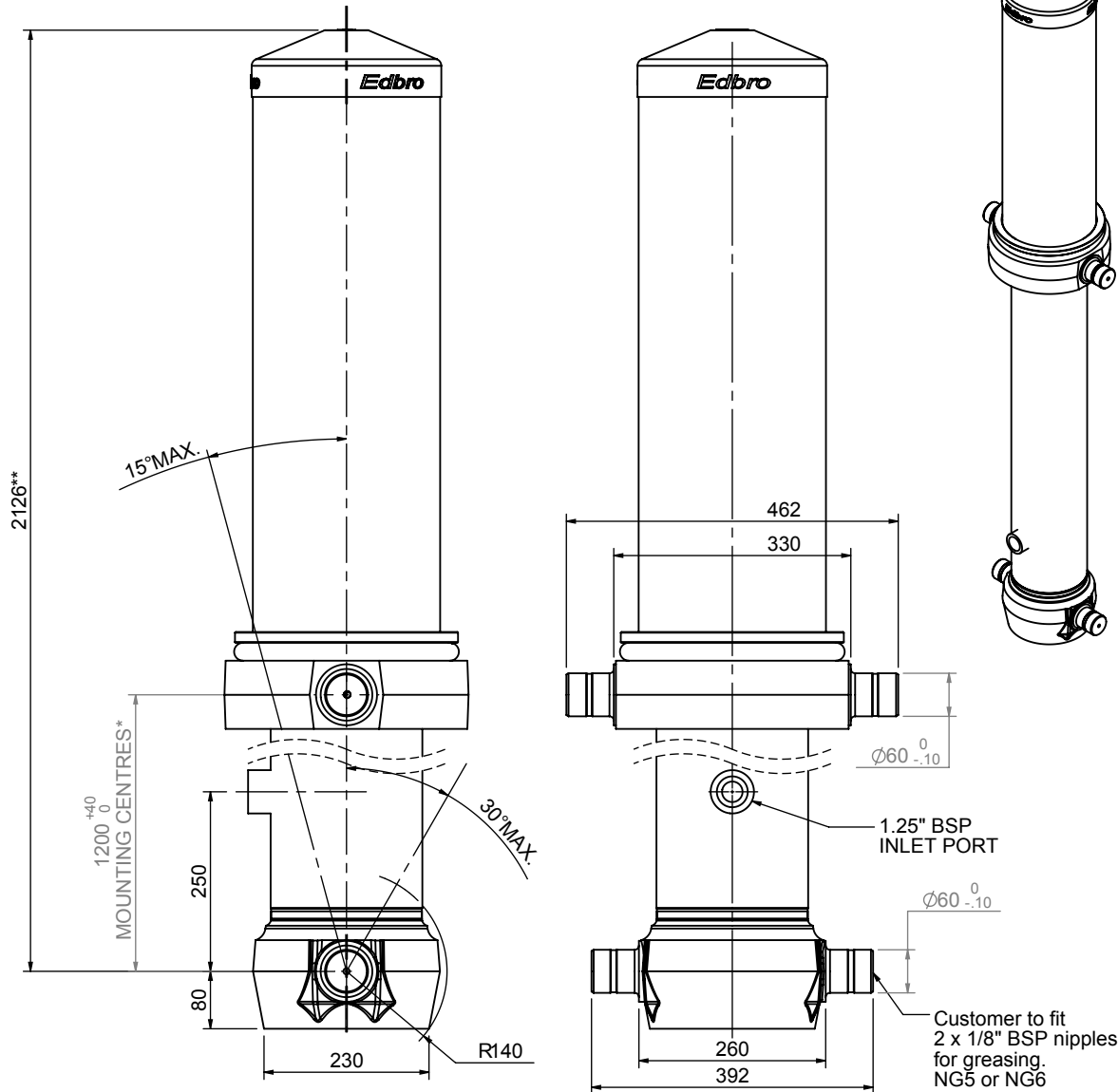
*Includes 12mm pull out

SPECIFICATION		RATED CAPACITY : 27-31 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	890	-	-
0	211	2075	-	-
1	188	2040	1814	50
2	167	2040	1837	40
3	147	2040	1847	31
4	127	2040	1862	24
5	105	2040	1867	16
Final stroke reduced by	0	Total (+5/-10) 9227		161
Cylinder Mass (Kg)	418.71	Priming Volume		30
Rated Pressure (Bar)	110	Total Volume (Litres)		191
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
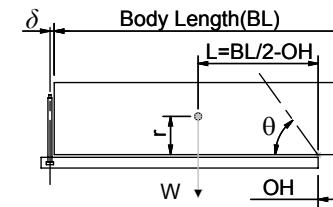
	BODY LENGTH (BL)					OH
	11500		12000		12500	
27	47°					150
29	49°	28	47°			450
31	50°	29	48°	28	46°	750

— 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

Technical Specifications are subject to change without notice
Date Created/Updated: 26 August 2009 14:23:54
Refer www.edbro.com to confirm latest specification
All dimensions are in 'mm', unless otherwise stated