Cylinder 5 stage front end with Outer Cover

**ALLOW 50mm TO REMOVE CAP FOR SERVICING

15°MAX.

2126**

345 +40 0 MOUNTING CENTRES*

190

80

R140

230

15°MAX.

30°MAX.

462

330

Ø60 0 -.10

1" BSP/SAE INLET PORT

Ø60 0 -.10

260

392

Customer to fit 2 x 1/8" BSP nipples for greasing. NG5 or NG6
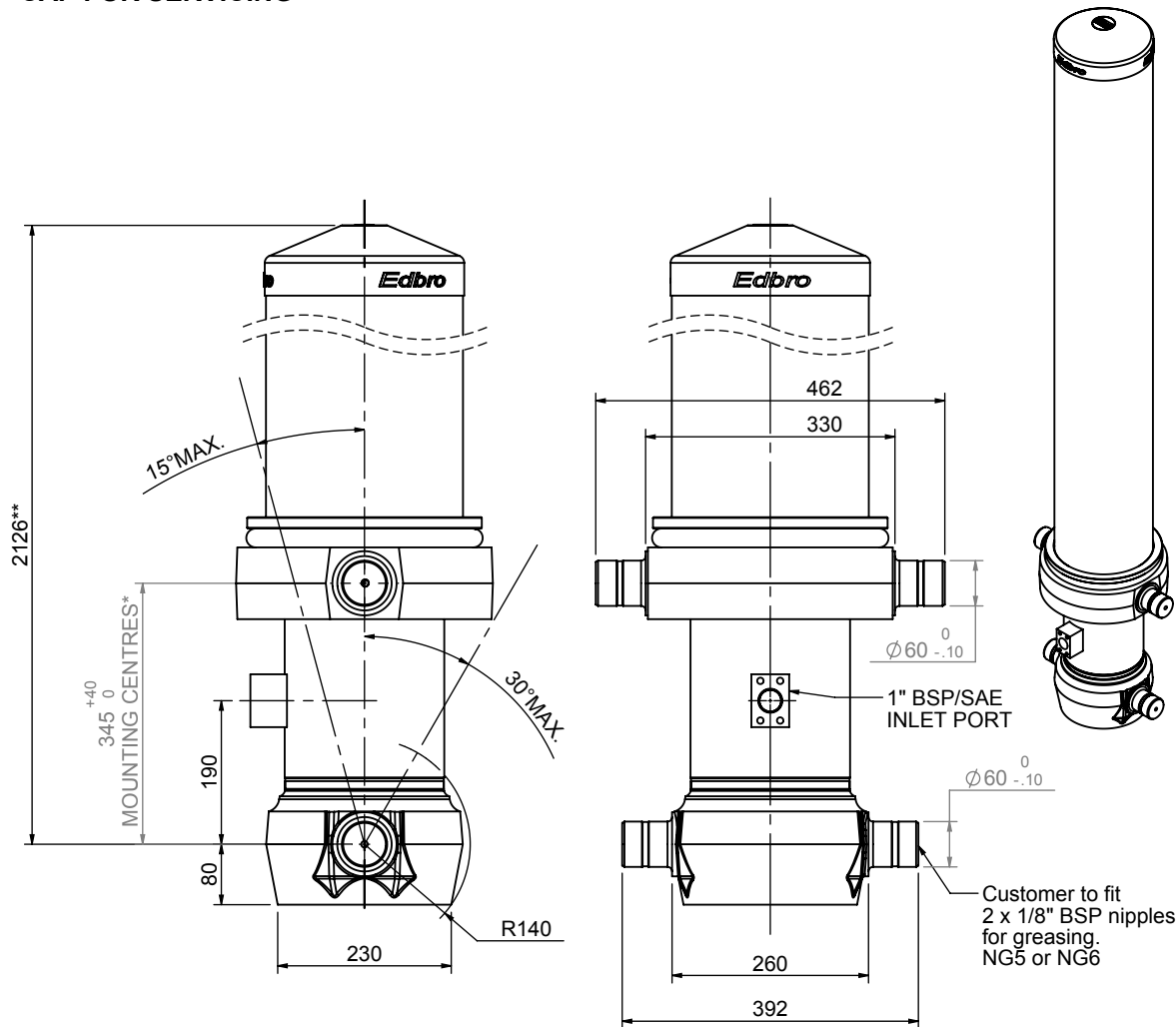
*Includes 12mm Pull Out
All Stages Chrome Plated

SPECIFICATION			RATED CAPACITY : 28-34 TONNES***	
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	1745	-	-
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)	444.11	Priming Volume		30
Rated Pressure (Bar)	120	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
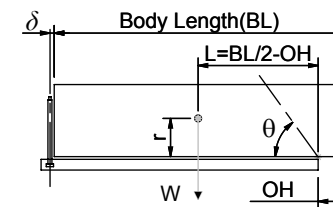
BODY LENGTH (BL)						OH
11500		12000		12500		
30	47°	29	45°	28	43°	150
32	48°	31	46°	30	44°	450
34	50°	32	48°	31	45°	750

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 14:39:33
Refer www.edbro.com to confirm latest specification
All dimensions are in 'mm', unless otherwise stated