Cylinder 5 stage front end with Outer Cover

## CS170057233S19A11

**ALLOW 50mm TO REMOVE CAP FOR SERVICING

15° MAX

1726**

345 +40/0 MOUNTING CENTRES*

190

80

R135

217

462

330

⌀60 0/-.10

1" BSP/SAE INLET PORT

⌀60 0/-.10

30° MAX

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

260

395

*Includes 12mm Pull Out
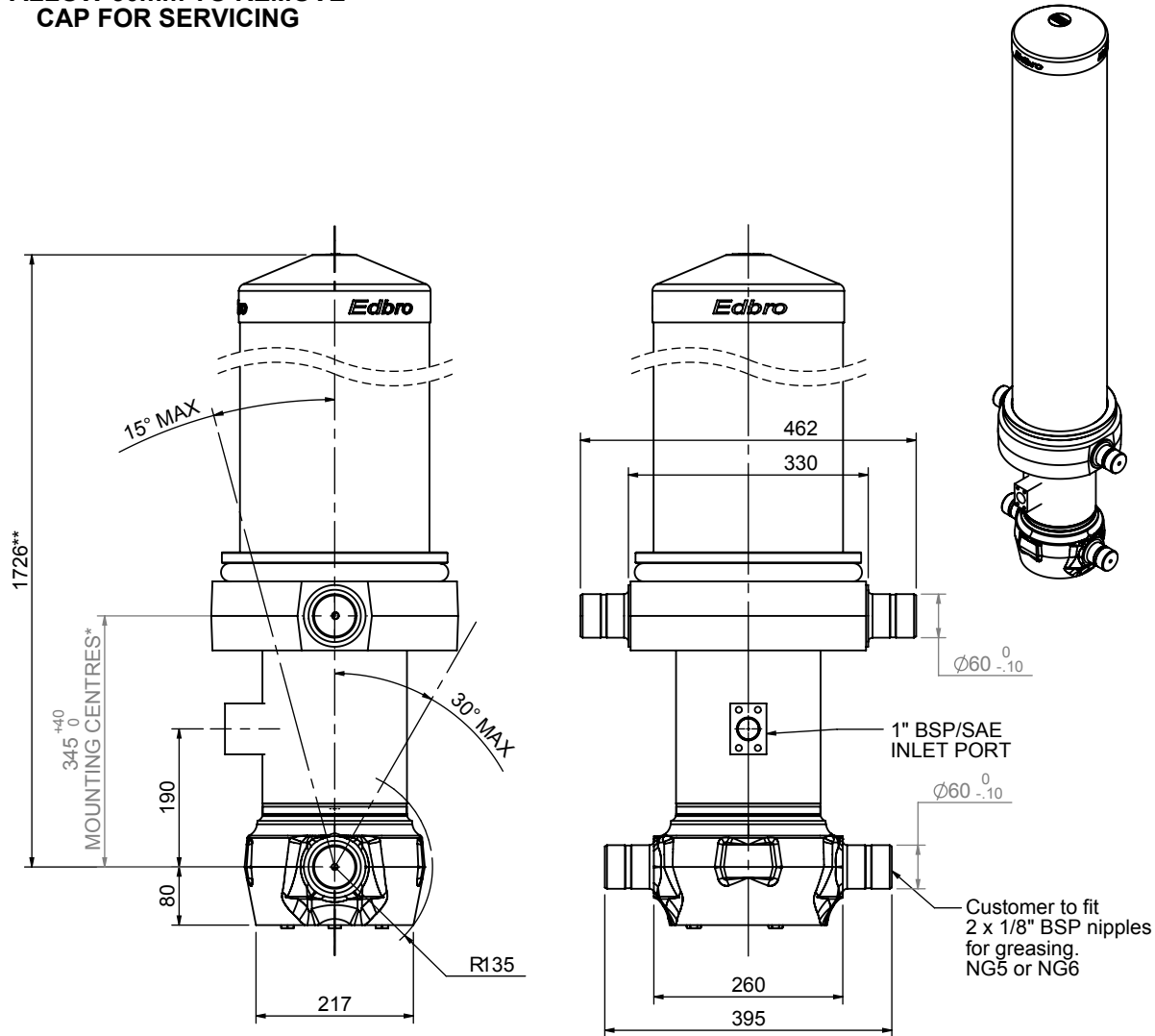
SPECIFICATION			RATED CAPACITY : 37-47 TONNES***	
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	1345	-	-
0	199	1675	-	-
1	176	1640	1414	34
2	155	1640	1437	27
3	136	1640	1447	21
4	117	1640	1462	16
5	98	1640	1467	11
Final stroke reduced by	0	Total (+5/-10) 7227		109
Cylinder Mass (Kg)	328.40	Priming Volume		22
Rated Pressure (Bar)	175	Total Volume (Litres)		131
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
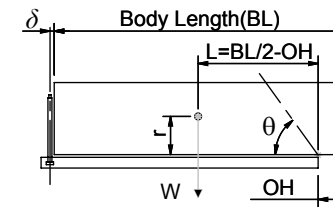
BODY LENGTH (BL)						OH
9000		9500		10000		
40	47°	38	45°	37	42°	150
43	49°	41	46°	39	44°	450
47	51°	44	48°	42	45°	750

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: 25 August 2009 08:45:34
Refer www.edbro.com to confirm latest specification
All dimensions are in 'mm', unless otherwise stated