Cylinder 5 stage front end with Outer Cover

CS170057233T19A12

**ALLOW 50mm TO REMOVE CAP FOR SERVICING

Edbro

Edbro

1726***

15° MAX

550 +40 0 MOUNTING CENTRES*

190

80

30° MAX

R135

217

462

330

2X 1.25" BSP INLET PORT

∅ 60 0 -.10

260

395

Customer to fit 2 x 1/8" BSP nipples for greasing. NG5 or NG6
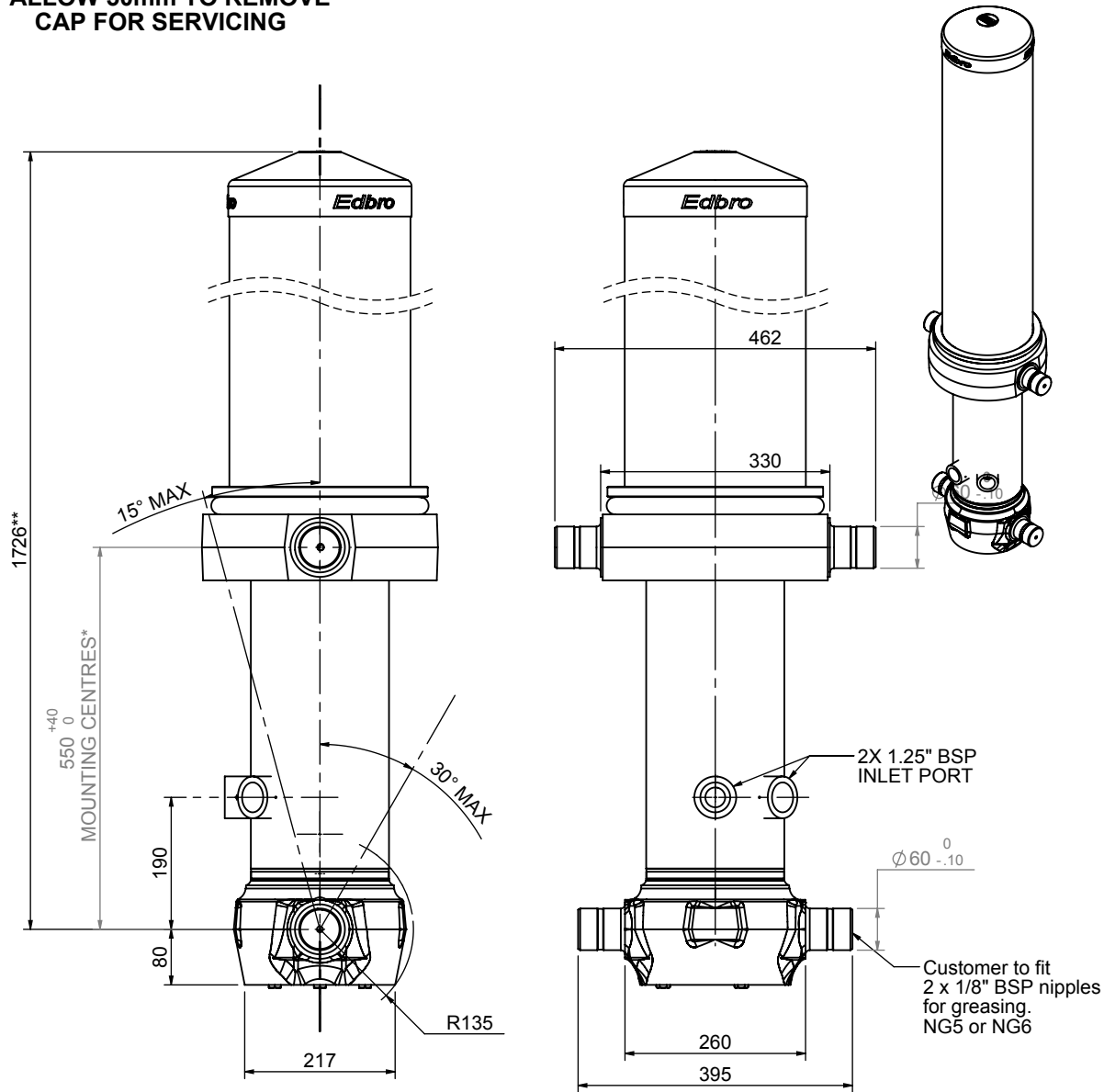
*Includes 9mm Pull Out

SPECIFICATION		RATED CAPACITY : 38-55 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	1140	-	-
0	199	1675	-	-
1	176	1640	1415	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) 7228		109
Cylinder Mass (Kg)	320.51	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
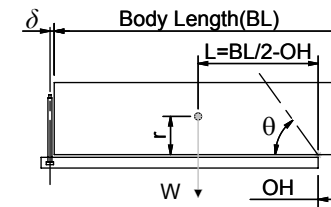
	BODY LENGTH (BL)					OH
	7500		8000		8500	
	43	49°	40	46°	38	43°	150
	48	51°	44	47°	41	44°	450
	55	53°	49	50°	45	46°	750

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: 01 December 2009 15:15:49
Refer www.edbro.com to confirm latest specification
All dimensions are in 'mm', unless otherwise stated