Cylinder 5 stage front end with Outer Cover

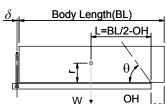# CS180057233T19A11

**ALLOW 50mm TO REMOVE CAP FOR SERVICING

15° MAX

30° MAX

1726**

345 +40/0 MOUNTING CENTRES*

190

80

230

R140

462

330

Ø60 0/-.10

2X 1.25" BSP 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

SPECIFICATION		RATED CAPACITY : 44-60 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	1345	-	-
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)	372.09	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		
49	50°	46	47°	44	45°	150
54	52°	50	49°	47	46°	450
60	54°	55	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 14:55:23
Refer www.edbro.com to confirm latest specification
All dimensions are in 'mm', unless otherwise stated