Cylinder 3 stage front end with Outer Cover

ALLOW 50mm TO REMOVE **CAP FOR SERVICING Ædbn Edlbro 406 279 Ø60 -.10 345 0 MOUNTING CENTRES* 1" BSP **INLET PORT** (0)Ø60 -.10 9 190 Customer to fit R107 2 x 1/8" BSP nipples 176 320 for greasing. NG5 or NG6

*Include 9mm Pull Out All Stages Chrome Plated



Edbro plc

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| SPECIFICATION | RATED CAPACITY: 26-42 TONNES*** | | | | | | |
|-------------------------|---------------------------------|----------------|--------|--------------|--|--|--|
| Stage | Diameter | Length | Stroke | Swept Volume | | | |
| - | - | - | - | - | | | |
| - | - | - | - | - | | | |
| OUTER COVER | 213 | 1275 | - | - | | | |
| 0 | 155 | 1525 | - | - | | | |
| 1 | 136 | 1490 | 1288 | 19 | | | |
| 2 | 117 | 1490 | 1312 | 14 | | | |
| 3 | 98 | 1490 | 1317 | 10 | | | |
| Final stroke reduced by | 0 | Total (+5/-10) | 3917 | 43 | | | |
| Cylinder Mass (Kg) | 173.78 | Priming V | 14.4 | | | | |
| Rated Pressure (Bar) | 120 | Total Volum | 57.4 | | | | |
| Maximum Pressure (Bar) | 175 | Max. first sta | 170 KN | | | | |

***TIPPING CAPACITY AT RATED PRESSURE

ОН

δ Body Length(BL)

L=BL/2-OH

| ı | BODY LENGTH (BL) | | | | | | | | | |
|--------------------------|------------------|----|------|----|------|-----|--|--|--|--|
| 49 | 4900 | | 5150 | | 5400 | | | | | |
| 28 | 47° | 27 | 45° | 26 | 43° | 150 | | | | |
| 33 | 50° | 31 | 48° | 29 | 45° | 450 | | | | |
| (42) | (54°) | 38 | 51° | 35 | 48° | 750 | | | | |
| Tipping angle (θ) | | | | | | | | | | |

Body + payload mass,W (tonne)

For guidance only;

d = 178 : r = 750

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: 23 December 2009 11:15:10 Refer www.edbro.com to confirm latest specification All dimensions are in 'mm', unless otherwise stated