Cylinder 4 stage front end with spherical eye

Ø50 -0.012 BORE R55 Customer to fit x 1/8" BSP nipple for greasing. NG5 or NG6 Ø177 *1495 ⁰ MOUNTING CENTRES 1" BSP INLET PORT 30° MAX Ø60 -0.10 Customer to fit 80 2 x 1/8" BSP nipples for greasing. NG5 or NG6 235 Ø196 R127 374 *Includes 9mm Pull Out.

CS150S44606B70A05

| SPECIFICATION | TIPPING CAPACITY: 36-52 TONNES*** | | | | | | |
|---|-----------------------------------|-------------------------|--------|--------------|--|--|--|
| Stage | Diameter | Length | Stroke | Swept Volume | | | |
| - | - | - | - | - | | | |
| - | ı | | | - | | | |
| 0 | 177 | 1375 | - | - | | | |
| 1 | 155 | 1340 | 1127 | 21 | | | |
| 2 | 136 | 1340 | 1147 | 17 | | | |
| 3 | 117 | 1340 | 1162 | 12 | | | |
| 4 | 98 | 1440 | 1167 | 9 | | | |
| | | Total (+5/-10) | 4603 | 59 | | | |
| Final stroke reduced by | 0 | Priming Volume | | 15 | | | |
| Cylinder Mass (Kg) | 160 | Total Volume (Litres) | | 74 | | | |
| Maximum Pressure (Bar) | 190 | Max. first stage thrust | | 225 KN | | | |
| ***TIPPING CAPACITY AT WORKING PRESSURE | | | | | | | |

Body Length(BL) L=BL/2-OH

| ОН | BODY LENGTH (BL) | | | | | |
|-----|------------------|----|------|----|-------|----|
| ОП | 50 | 65 | 6300 | | 6050 | |
| 150 | 43° | 36 | 45° | 37 | 47° | 39 |
| 450 | 45° | 40 | 47° | 42 | 50° | 44 |
| 750 | 48° | 46 | 50° | 48 | (53°) | 52 |
| | | | | | | |

— Tipping angle (θ)

d = 0; r = 750; Working Pressure 175 bar

Body + payload mass,W (tonne) For guidance only; Higher working pressures and tipping capacities may be possible. To check your application email - applications@edbro.co.uk

NOTES

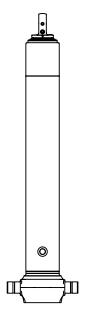
- 1. This cylinder is for lifting purposes only and side load conditions should be avoided
- Cylinder is painted in primer paint to RAL5013
- 3. Refer to www.edbro.com for;-
 - Bracket details
 - Installation instructions that must be observed
 - Correct oil selection
 - An explanation of tipping capacity

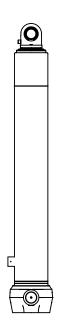


Last Stage Chrome Plated

Edbro plc

Nelson Street, Bolton, England, BL3 2JJ Tel +44 (0) 1204 528888 Fax +44 (0) 1204 531957 Email: postmaster@edbro.com Web: www.edbro.com Technical Specifications are subject to change without notice Date Created/Updated: 22 August 2014 Refer www.edbro.com to confirm latest specification All dimensions are in 'mm', unless otherwise stated





CS150S44606B19A01

