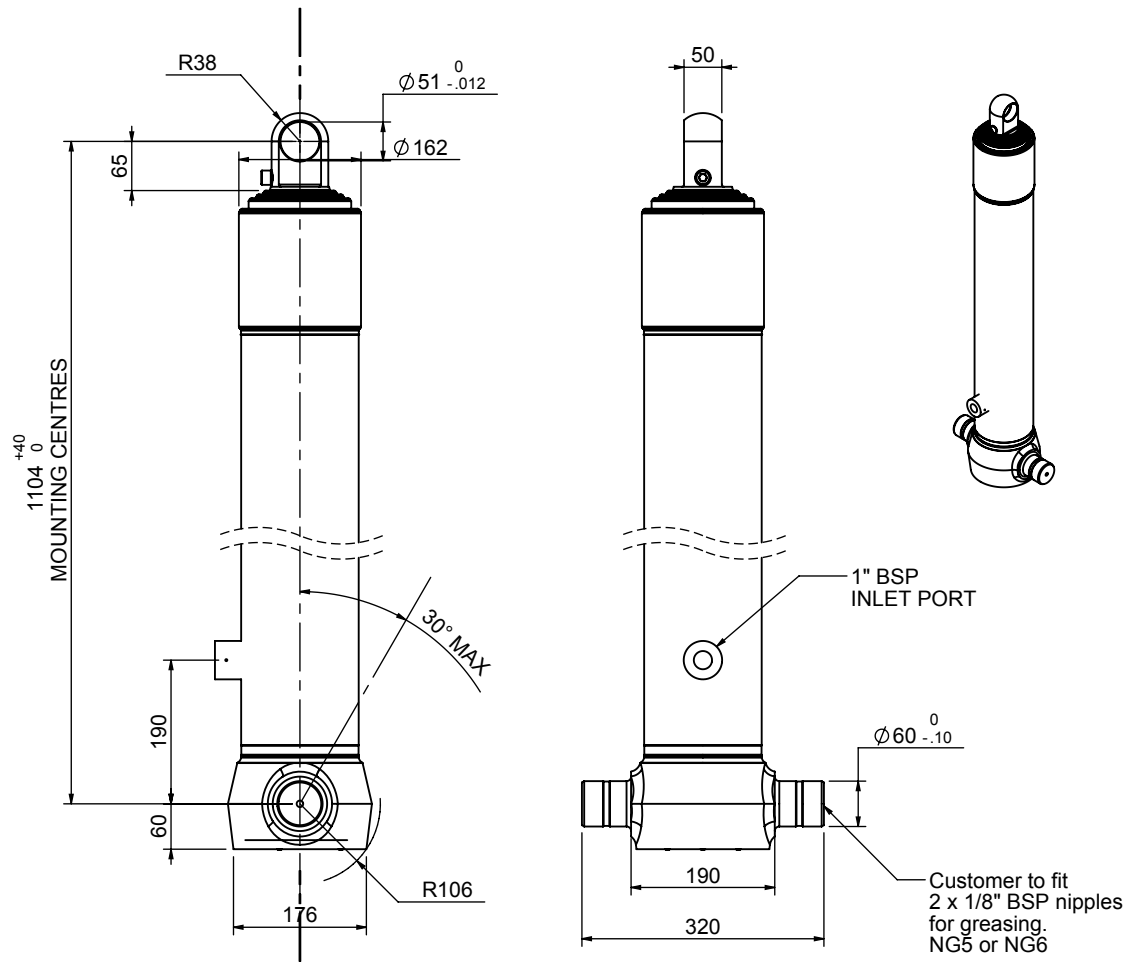


# Cylinder 4 stage front end with plain eye

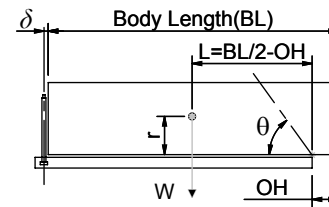
CS130E43441B19A01



| SPECIFICATION           |          | RATED CAPACITY : 25-47 TONNES*** |        |              |
|-------------------------|----------|----------------------------------|--------|--------------|
| Stage                   | Diameter | Length                           | Stroke | Swept Volume |
| -                       | -        | -                                | -      | -            |
| -                       | -        | -                                | -      | -            |
| 0                       | 155      | 1075                             | -      | -            |
| 1                       | 136      | 1040                             | 838    | 12           |
| 2                       | 117      | 1040                             | 862    | 9            |
| 3                       | 98       | 1040                             | 867    | 7            |
| 4                       | 79       | 1040                             | 872    | 4            |
| Final stroke reduced by | 0        | Total (+5/-10)                   | 3439   | 32           |
| Cylinder Mass (Kg)      | 96.98    | Priming Volume                   | 8.8    |              |
| Rated Pressure (Bar)    | 175      | Total Volume (Litres)            | 40.8   |              |
| Maximum Pressure (Bar)  | 175      | Max. first stage thrust          | 200 KN |              |

### \*\*\*TIPPING CAPACITY AT RATED PRESSURE

d = 0 ; r = 750



| BODY LENGTH (BL) |     |      |     |      | OH  |     |
|------------------|-----|------|-----|------|-----|-----|
| 4600             |     | 4800 |     | 5000 |     |     |
| 28               | 46° | 26   | 44° | 25   | 42° | 150 |
| 34               | 50° | 31   | 48° | 30   | 45° | 450 |
| 47               | 55° | 41   | 52° | 37   | 49° | 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 sload 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

\*Include 9mm Pull Out Last Stage Chrome Plated



**Edbro plc**  
 Nelson Street, Bolton, Lancashire BL3 2JJ UK  
 Tel +44 (0) 1204 528888 Fax +44 (0) 1204 531957  
 Email: postmaster@edbro.com Web: www.edbro.com

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 Refer www.edbro.com to confirm latest specification  
 All dimensions are in 'mm', unless otherwise stated