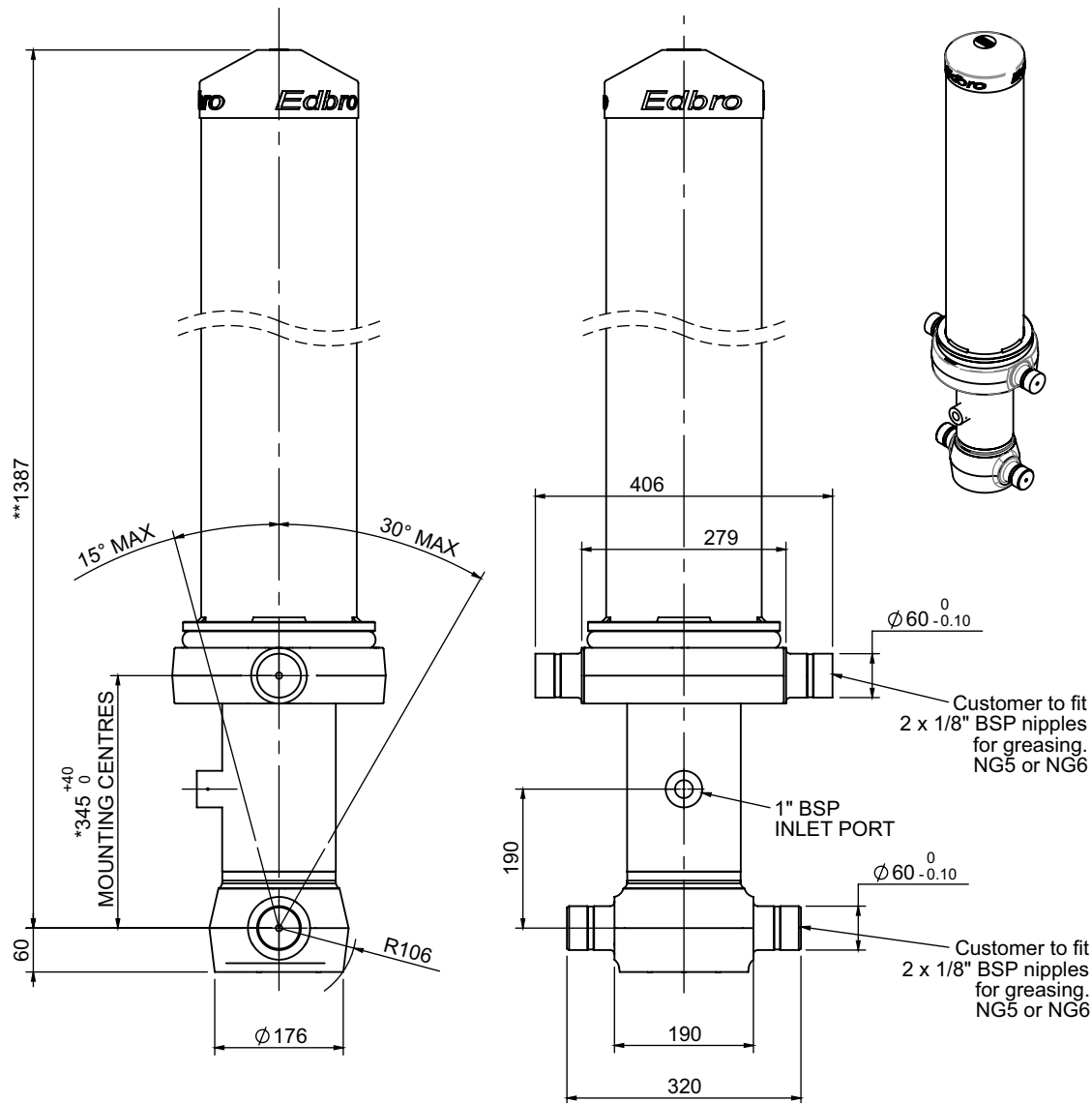


# Cylinder 3 stage front end with outer cover

**\*\*ALLOW 50mm TO REMOVE CAP FOR SERVICING**



\*Includes 14mm Pull Out.

CS130033319B19A11

| SPECIFICATION           |          | TIPPING CAPACITY : 27-47 TONNES*** |        |              |
|-------------------------|----------|------------------------------------|--------|--------------|
| Stage                   | Diameter | Length                             | Stroke | Swept Volume |
| -                       | -        | -                                  | -      | -            |
| -                       | -        | -                                  | -      | -            |
| OUTER COVER             | 213      | 1000                               | -      | -            |
| 0                       | 155      | 1325                               | -      | -            |
| 1                       | 136      | 1290                               | 1083   | 16           |
| 2                       | 117      | 1290                               | 1112   | 12           |
| 3                       | 98       | 1290                               | 1117   | 8            |
|                         |          | Total ( +5/-10)                    | 3312   | 36           |
| Final stroke reduced by | 0        | Priming Volume                     | 12     |              |
| Cylinder Mass (Kg)      | 157      | Total Volume (Litres)              | 48     |              |
| Maximum Pressure (Bar)  | 190      | Max. first stage thrust            | 170 KN |              |

## \*\*\*TIPPING CAPACITY AT WORKING PRESSURE

| Body Length (BL) |     | BODY LENGTH (BL) |      |      |     | OH  |
|------------------|-----|------------------|------|------|-----|-----|
|                  |     | 4350             | 4475 | 4600 |     |     |
| 29               | 45° | 28               | 44°  | 27   | 42° | 150 |
| 35               | 48° | 33               | 47°  | 32   | 45° | 450 |
| 47               | 53° | 43               | 51°  | 41   | 49° | 750 |

d = 178; r = 750; Working Pressure 120 bar

Tipping angle (T)

Body + payload mass, W (tonne)

## NOTES

1. This cylinder is for lifting purposes only and side load conditions should be avoided
2. Cylinder is painted in primer to RAL9005

**Edbro**

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