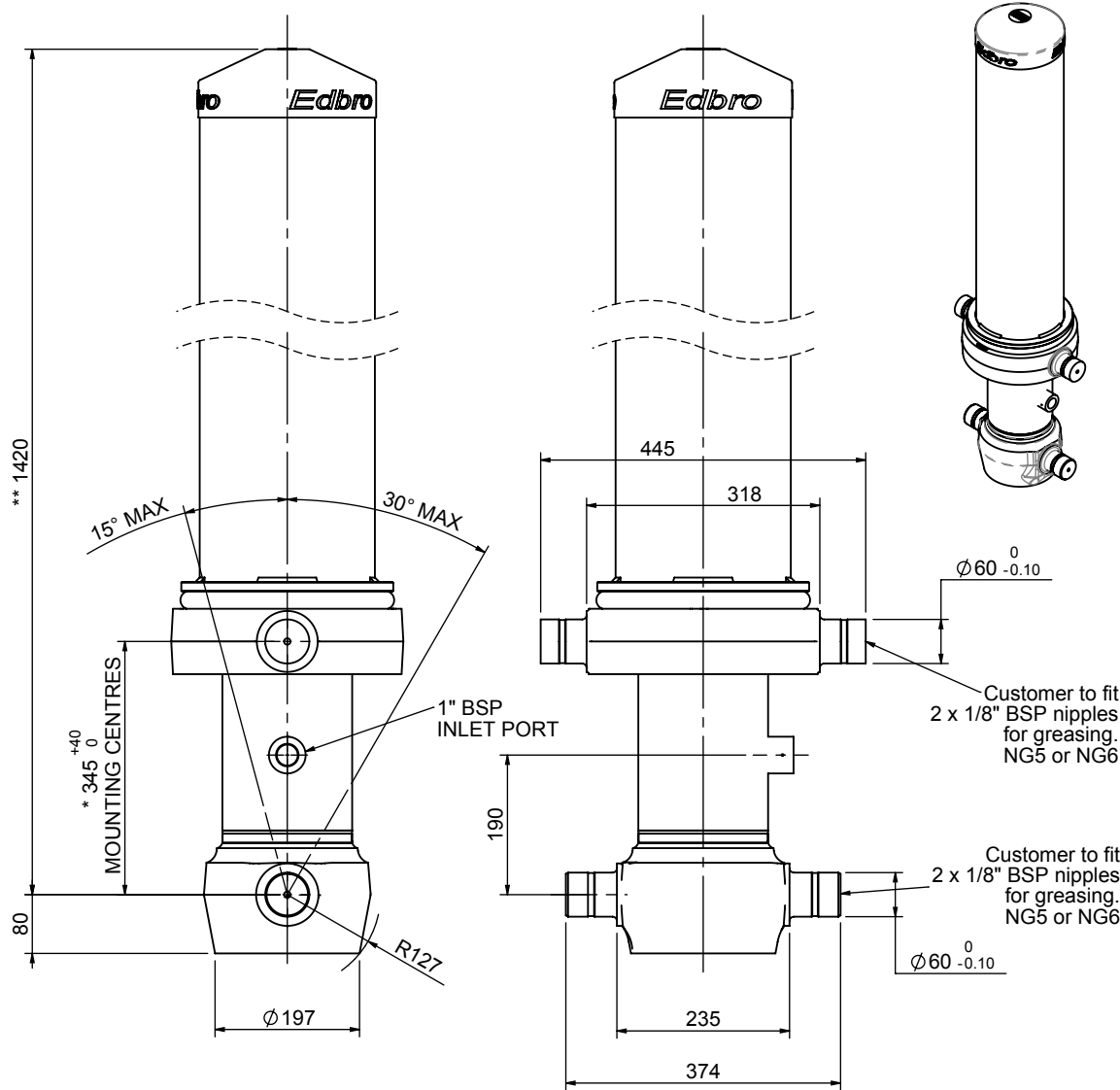


Cylinder 4 stage front end with outer cover

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

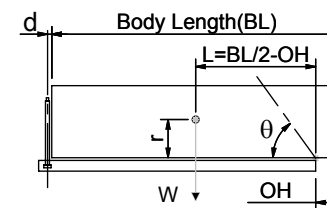


*Includes 11mm Pull Out.

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| SPECIFICATION | | TIPPING CAPACITY : 37-56 TONNES*** | | |
|-------------------------|----------|------------------------------------|--------|--------------|
| Stage | Diameter | Length | Stroke | Swept Volume |
| - | - | - | - | - |
| OUTER COVER | 239 | 1040 | - | - |
| 0 | 177 | 1375 | - | - |
| 1 | 155 | 1340 | 1125 | 21 |
| 2 | 136 | 1340 | 1147 | 17 |
| 3 | 117 | 1340 | 1162 | 12 |
| 4 | 98 | 1340 | 1167 | 9 |
| Total (+5/-10) | | | 5868 | 59 |
| Final stroke reduced by | 0 | Priming Volume | | 15 |
| Cylinder Mass (Kg) | 217 | Total Volume (Litres) | | 74 |
| Maximum Pressure (Bar) | 190 | Max. first stage thrust | | 225 KN |

***TIPPING CAPACITY AT WORKING PRESSURE



| BODY LENGTH (BL) | | | | | | OH |
|------------------|------|------|-----|----|-----|-----|
| 5700 | 5950 | 6200 | | | | |
| 40 | 47° | 38 | 45° | 37 | 43° | 150 |
| 46 | 50° | 44 | 48° | 41 | 46° | 450 |
| 56 | 53° | 51 | 51° | 48 | 48° | 750 |

$d = 229$; $r = 750$; Working Pressure 165 bar

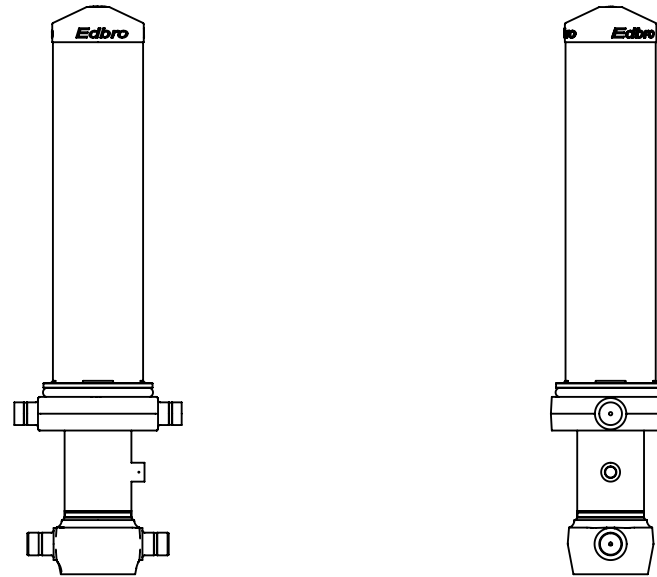
Tipping angle (θ)
Body + payload mass, W (tonne)

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
2. 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



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