

Stock Code: **MHU25015018-DP**

MHU25015018-DP 2.5 x 1.5 x 457 Ultra

STAMPING DETAILS:

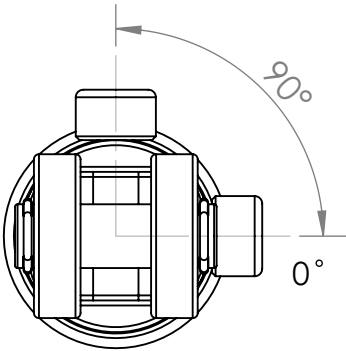
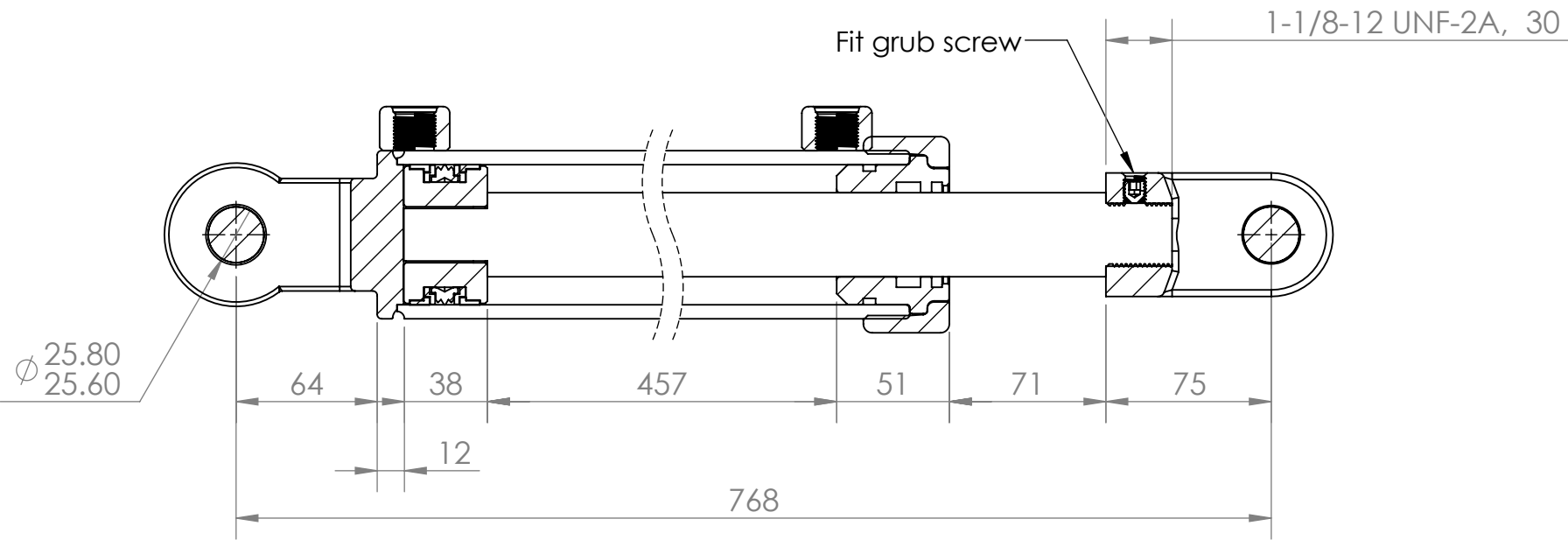
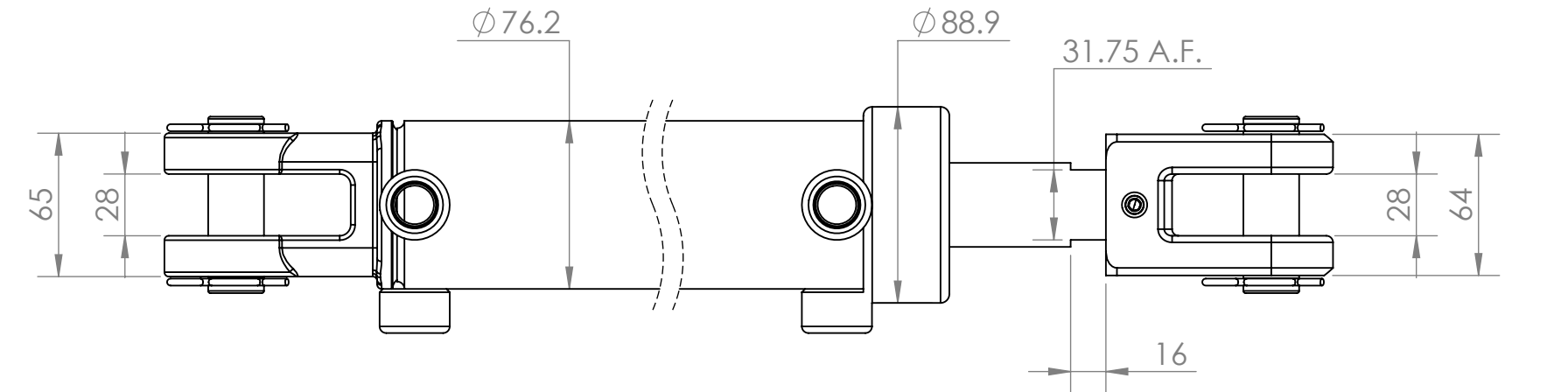
|                |                                        |                                          |
|----------------|----------------------------------------|------------------------------------------|
| Stamping Type: | Pin                                    |                                          |
| MOTUS          | XXXXX                                  | "X" Refers to MOTUS 5 digit build number |
| MHU25015018-DP | Customer stamping text (if applicable) |                                          |

|                                |                |    |
|--------------------------------|----------------|----|
| Company:                       | C&M            |    |
| Cylinder Name: (if applicable) | MHU25015018-DP |    |
| Cylinder Type:                 | Ultra          | DA |
| Operating Pressure:            | 4000 PSI       |    |
| Safety Rating:                 | 2.5 : 1        |    |
| Weight:                        | 17.56          | kg |

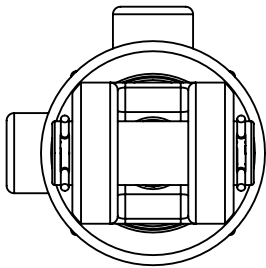
|               |             |  |
|---------------|-------------|--|
| Motus Decal:  | Yes         |  |
| Paint/Finish: | Gloss Black |  |
| Seal Kit :    | 6106840     |  |

|                             |        |     |    |
|-----------------------------|--------|-----|----|
| Bore Dia / Finished Length  | Ø 2.5" | 531 | mm |
| Wall Thickness :            | 1/4    |     |    |
| Shaft Dia / Finished Length | Ø 1.5" | 647 | mm |
| Material :                  | 1045   |     |    |
| Piston Thread Details:      | Ø 1"   | 38  | mm |

| BASE                                                           | SPEAR                                                                  |
|----------------------------------------------------------------|------------------------------------------------------------------------|
| Mount: Clevis Base<br>1" Pin x 28 Gap CL10<br>Part No: 6006401 | Mount: Threaded Clevis<br>CL10-28-75 1-1/8" Thread<br>Part No: 6006401 |
| Pin Size Ø : 1"                                                | Pin Size Ø : 1"                                                        |
| Bush Type: - L Bore: No                                        | Bush Type: - L Bore: No                                                |
| Bush Size: -                                                   | Bush Size: -                                                           |
| Base Bearing: -                                                | Shaft Bearing : -                                                      |
| Grease Nipple: N/A                                             | Grease Nipple: N/A                                                     |
| Port:<br>-8 UNO 3/4 (x2)                                       | Port:<br>-8 UNO 3/4 (x2)                                               |
| Orientation: 0 & 90                                            | Orientation: 0 & 90                                                    |
| Drill Size: 7 mm                                               | Drill Size: 7 mm                                                       |
| Drill Distance: 8 mm                                           | Drill Distance: 44 mm                                                  |



Base View



Front View

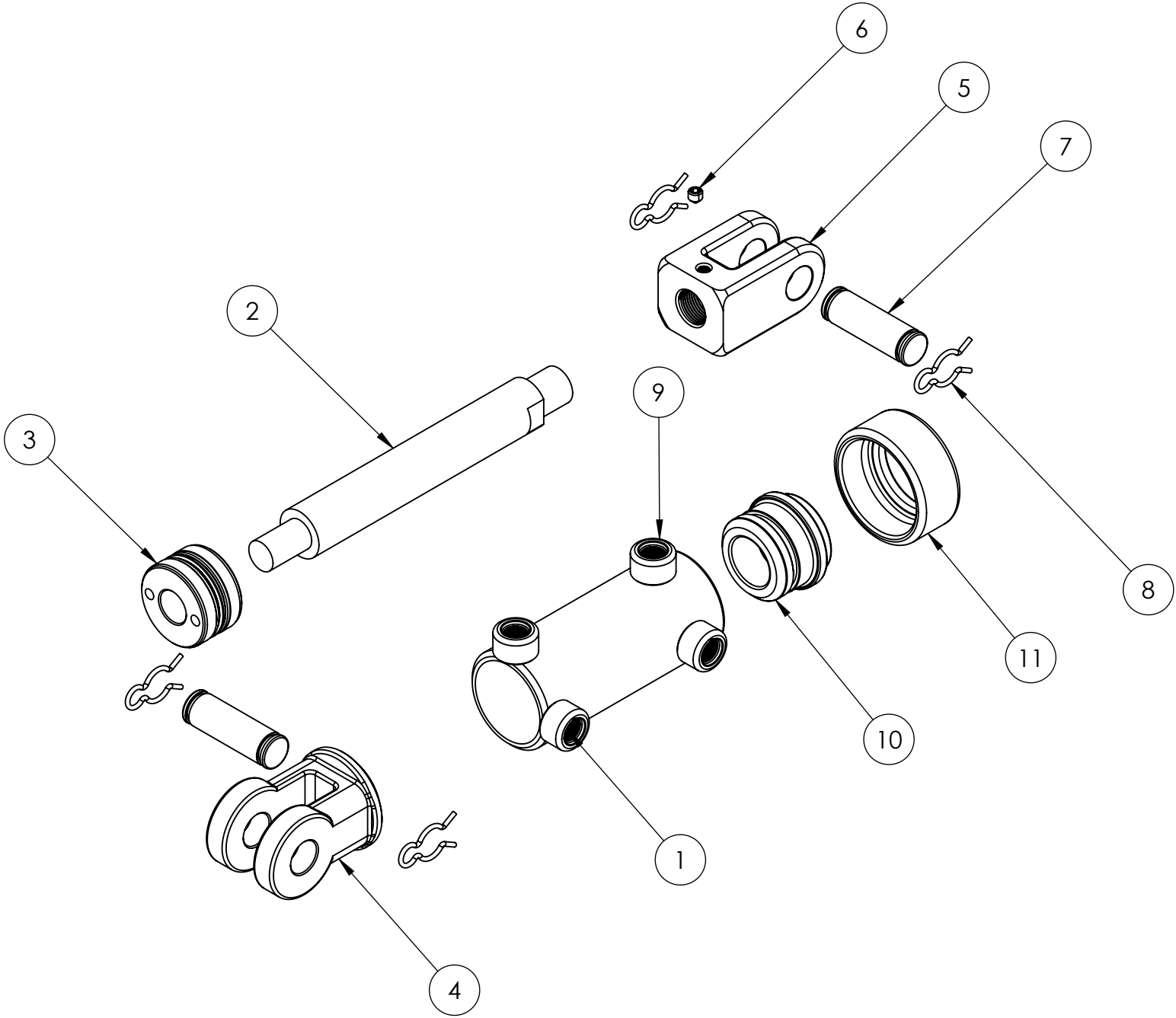
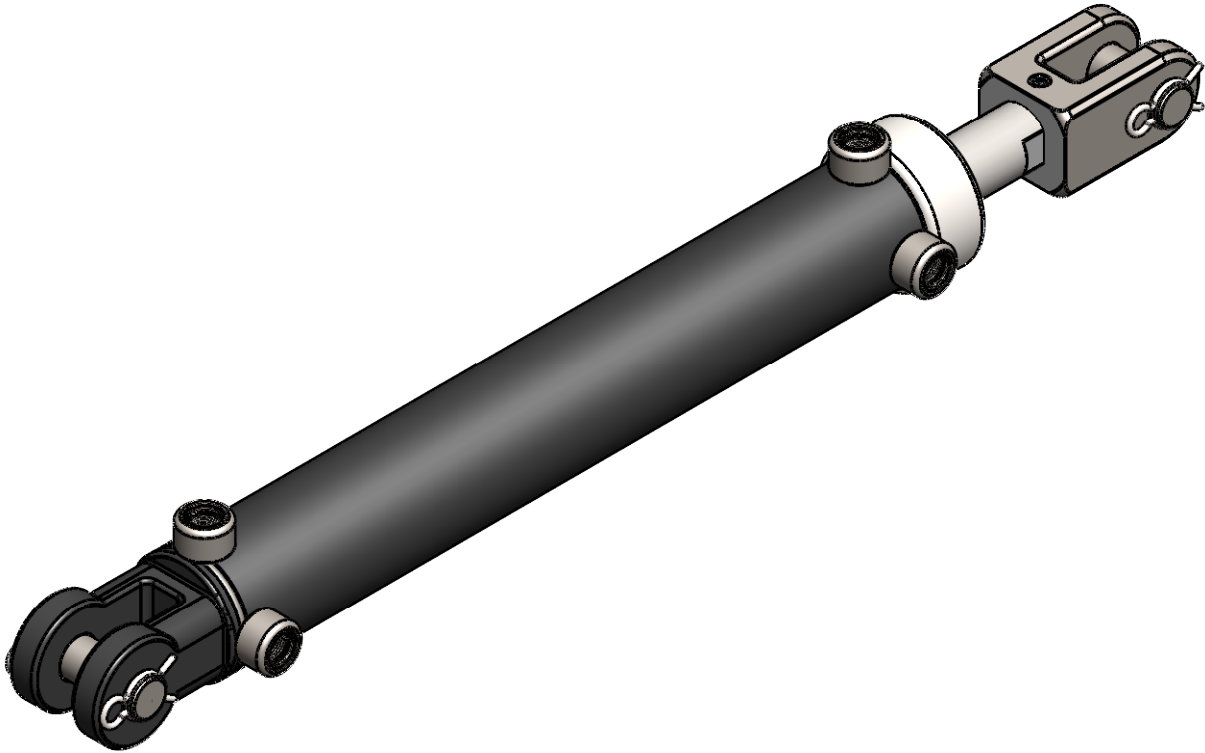
|                        |     |
|------------------------|-----|
| BUILD NUMBER:          |     |
| Sales Order Number:    |     |
| Invoice Number:        |     |
| Customer Order Number: |     |
| Order Date:            |     |
| Date of Dispatch:      |     |
| Quantity:              |     |
| Multiple order:        | of: |

| Drawing Approval (Customer) |            |       |
|-----------------------------|------------|-------|
| Name:                       | Signature: | Date: |
|                             |            |       |

|                  |      |       |
|------------------|------|-------|
| Stroke :         | 457  | ±3 mm |
| Closed Centres : | 768  | ±3 mm |
| Open Centres :   | 1225 | ±3 mm |

Special Instructions:  
Include 1" Pins (x2) and clips (x4)  
Fit metal plugs in ports

| ITEM NO. | PART NUMBER | DESCRIPTION                            | QTY. |
|----------|-------------|----------------------------------------|------|
| 1        | BR2.5       | MH250150 BARREL                        | 1    |
| 2        | SP1.5       | MH250150 SHAFT                         | 1    |
| 3        | 6006221-1   | WR250 Piston                           | 1    |
| 4        | 6006401     | BCLC1.0x28x76                          | 1    |
| 5        | 6007510     | CL1.0-28-75 Threaded Clevis-1-1/8" UNF | 1    |
| 6        | 9009427     | 3/8 UNF Grub Screw                     | 1    |
| 7        | 6007086     | 1.0x80 ZP pin                          | 2    |
| 8        | 6006720     | Clip to suit 1" Pin                    | 4    |
| 9        | 6006854-1   | PFM 3/4 -8 UN O-RING PORT              | 4    |
| 10       | 6006175     | 2.5 x 1.5 Ultra Head                   | 1    |
| 11       | 6006177     | 2.5" Ultra Cap                         | 1    |



**Note:**

- All imperial threads are machined to 2A, 2B specification
- All metric threads are machined to 6g, 6H specification
- All pin holes machined to D9 tolerance unless specified otherwise
- All machine surface finishes are 3.2µm Ra
- Close/Open centres to ±3mm tolerance

|           |                 |            |       |          |
|-----------|-----------------|------------|-------|----------|
| 1         | Initial release | 09-01-2023 | TQ    | -        |
| REV.      | DESCRIPTION     | DATE       | DRAWN | APPROVED |
| REVISIONS |                 |            |       |          |