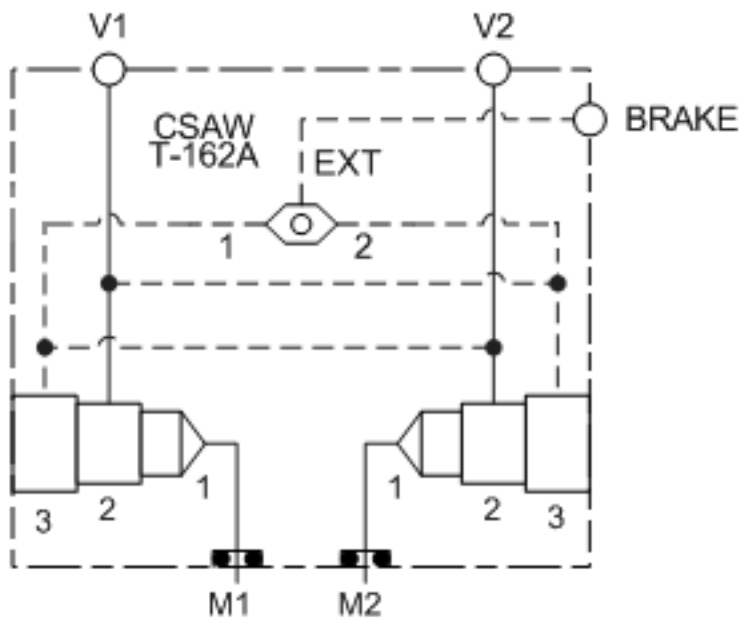
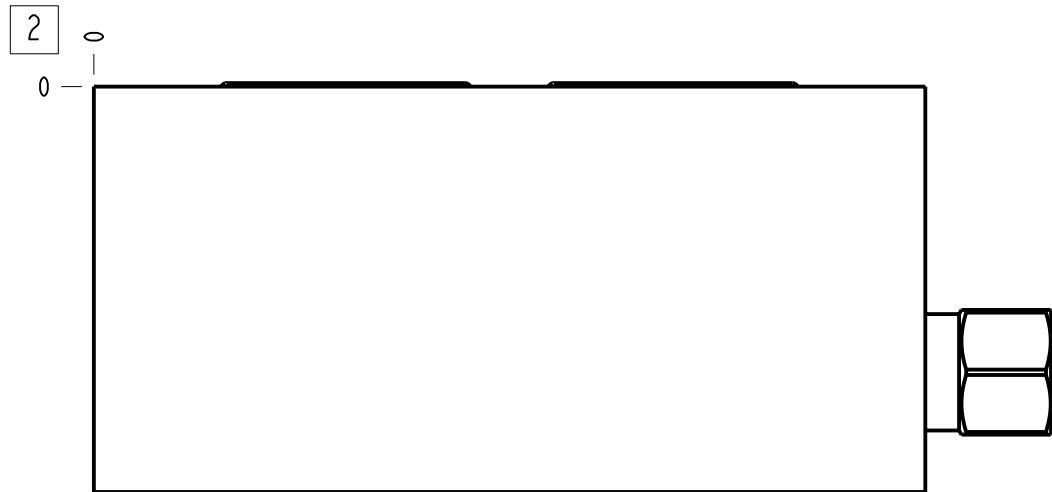
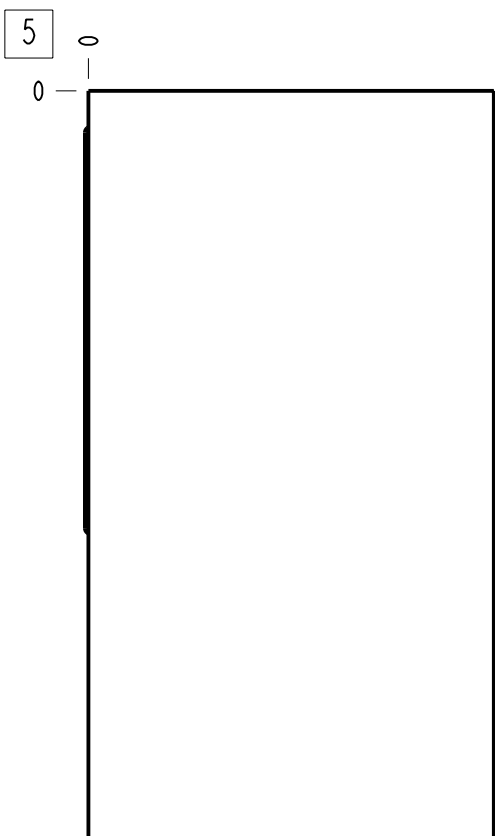
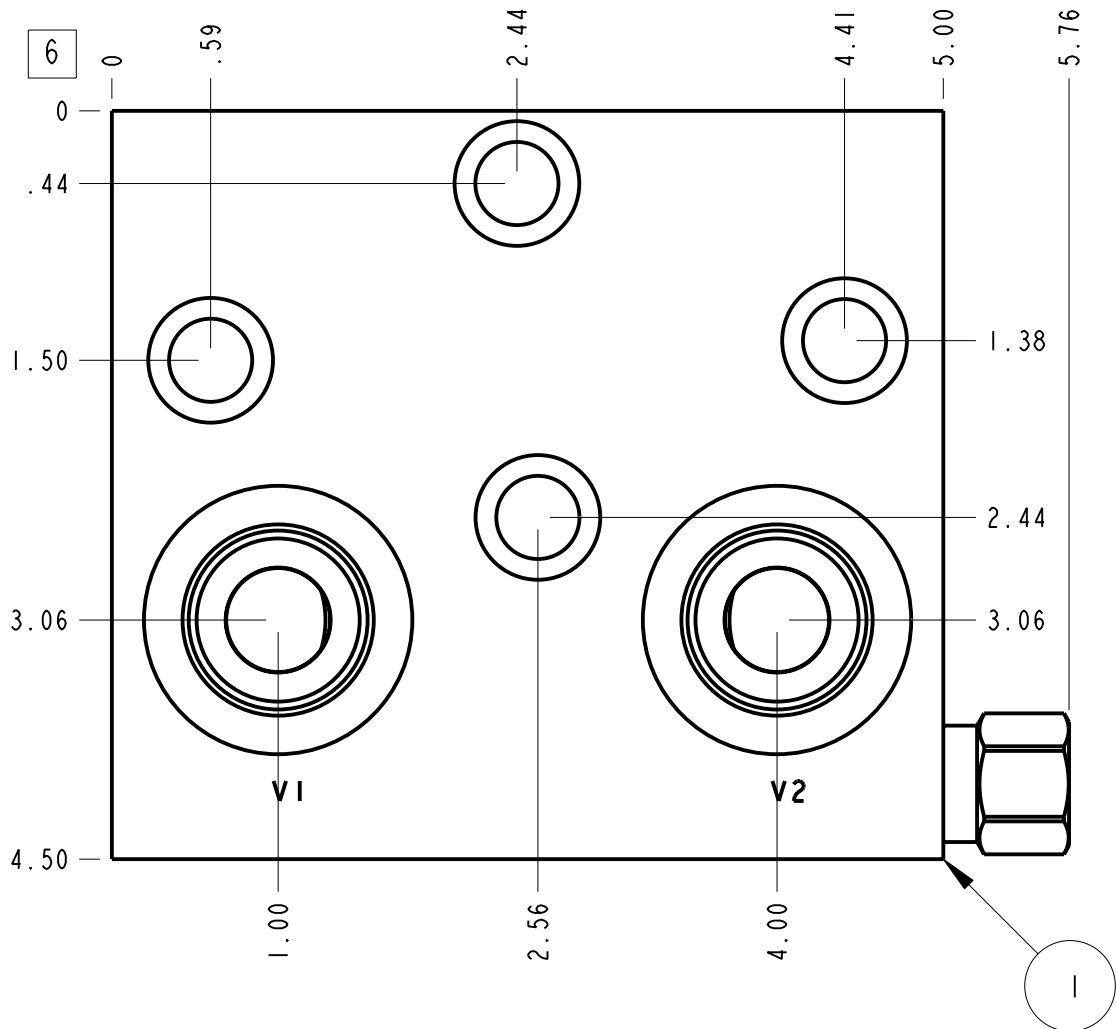
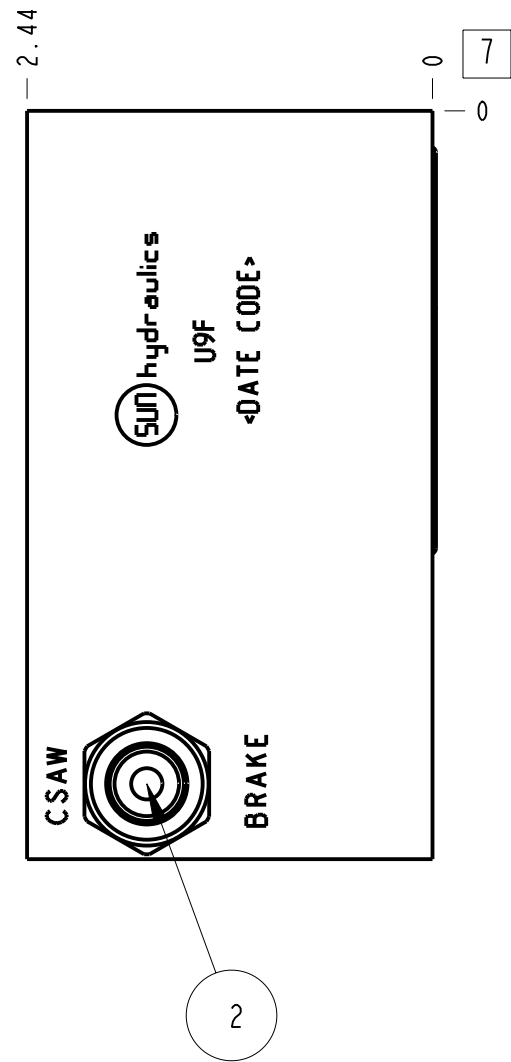
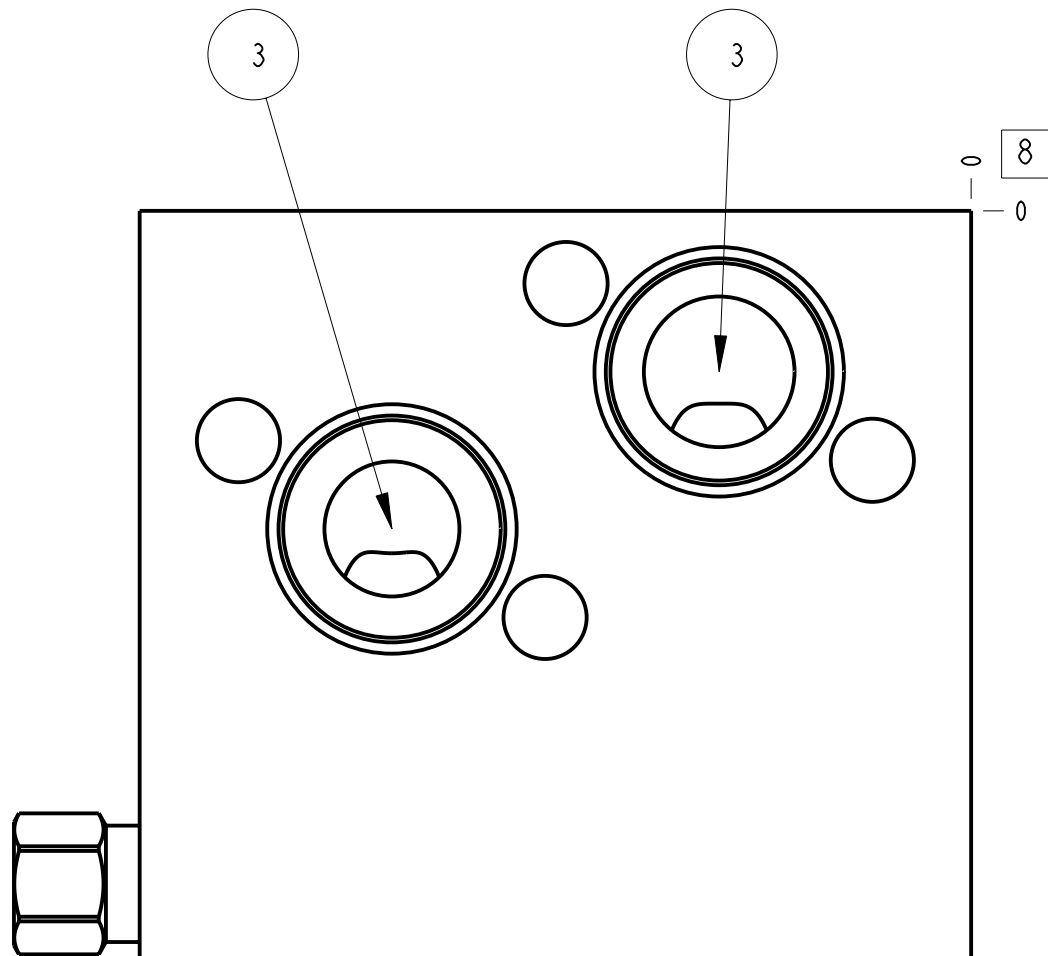
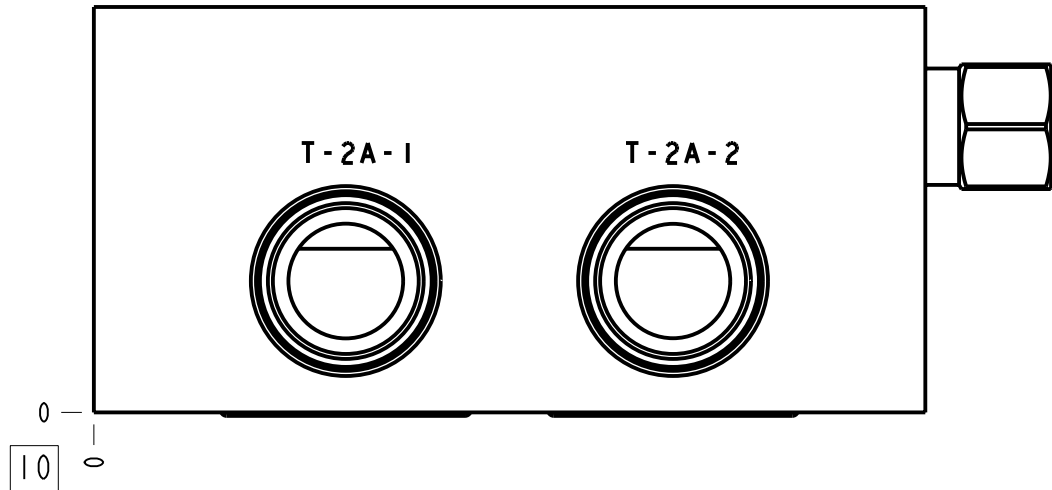




Notes

1. Important: Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.
2. BRAKE port is the external connection at the top of the shuttle cartridge.
3. This drawing is for reference only. It is generated by an automated process and does not fall under Sun's document control process.



| Port Headings |               |        |
|---------------|---------------|--------|
| Product       | Port          | Size   |
| U9F           | Ports V1 & V2 | SAE 12 |
| U9F           | Brake Port    | SAE 4  |

| Technical Data                 | U.S. Units                    | Metric Units |
|--------------------------------|-------------------------------|--------------|
| Cavity                         | T-2A                          |              |
| Body Features                  | Cross pilot with shuttle      |              |
| Body Type                      | Motor mount                   |              |
| Interface                      | Danfoss OMV                   |              |
| Open Cavity Quantity           | 2                             |              |
| Weight                         | 4.524 lb.                     | 2,052 kg.    |
| Mounting Hole Diameter         | .50 in.                       | 12,7 mm      |
| Mounting Hole C'ore Diameter   | .75 in.                       | 19 mm        |
| Mounting Hole C'ore Depth      | .47 in.                       | 12 mm        |
| Includes integral cartridge(s) | Yes (see Included Components) |              |

| 3                                                        | 500-001-028 |         | N-0674-70                                       | O-RING        | 2              |
|----------------------------------------------------------|-------------|---------|-------------------------------------------------|---------------|----------------|
| 2                                                        | CSAWEXN     |         |                                                 | SHUTTLE VALVE | 1              |
| 1                                                        | 158-590-002 |         | 6061-T6 ALUMINUM                                | BODY          | 1              |
| I<br>T<br>E<br>M                                         | PART NO.    | SETTING | MATERIAL                                        | PART NAME     | Q<br>T<br>Y    |
| MODEL                                                    |             |         | ALL DIMENSIONS IN INCH<br>VIEWS ARE THIRD ANGLE |               |                |
| U9F                                                      |             |         | FIRST ANGLE<br>THIRD ANGLE                      |               |                |
| DESCRIPTION                                              |             |         | DATE                                            | SCALE         | DWG SIZE SHEET |
| T-2A Motor mount Danfoss OMV<br>Cross pilot with shuttle |             |         | Aug-03-26                                       | 0.866         | C 1            |
| SUN hydraulics®                                          |             |         |                                                 |               |                |