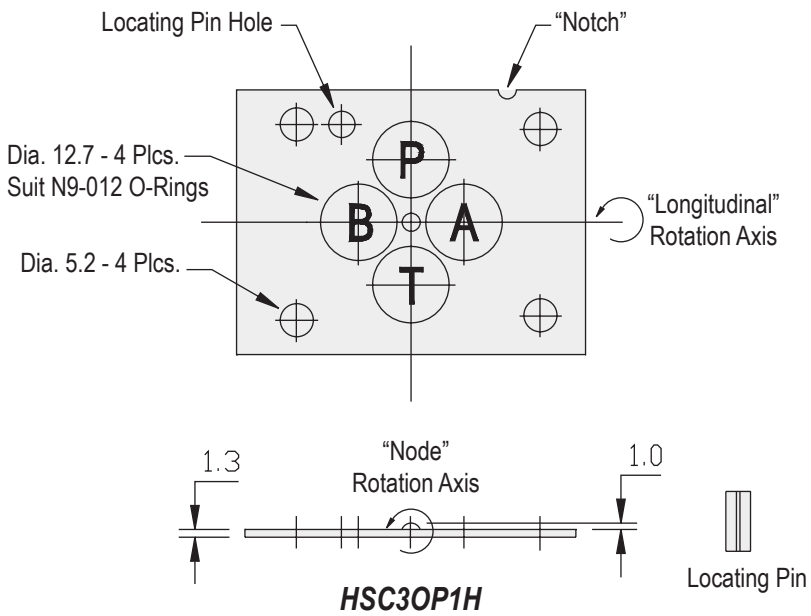
Technical Information - Rotational Sandwich Bodies - Cetop3

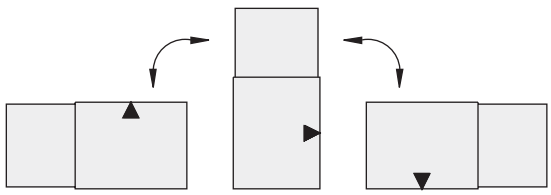
Mounting of Cetop3 Rotational Sandwich Bodies

*H.M.A.'s Cetop3 Sandwich Bodies are designed for multi-functional uses. The Rotational Sandwich Bodies do not have O-ring grooves. Instead H.M.A. uses an O-Ring Plate (**HSC3OP1H**) with a raised "Node" and a locating "Notch". H.M.A.'s "Rotational" Sandwich Bodies incorporate symmetrical mounting holes which allow the bodies to be rotated about the "Node" Axis and the "Longitudinal" Axis as shown in **Figure 1.***

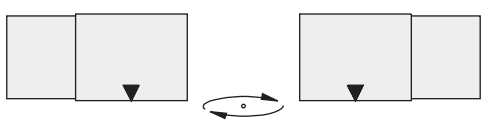
Figure 1 - Body Rotation



HSC3OP1H



Rotation on the **"Node" Axis**
(Simply flip the body and/or Rotate C.W. or A.C.W.)



Rotation on the **"Longitudinal" Axis**
(Simply rotate the body about the Node , C.W. or A.C.W.

Assembly of Cetop3 Rotational Sandwich Bodies

1. *Place the H.M.A. O-Ring plate, with the "Node" facing upward, in the required position to correctly align the mounting holes and ports. The "Notch" in the O-ring plate must be adjacent to P-port of the existing interface surface.*
2. *Position the Sandwich body so that the "Arrow / Circuit No." points to the "Notch" in the O-ring plate. **(See figure 2)***
3. *Move the Sandwich Body to engage the "Node" on the O-ring plate with the corresponding locating hole in the body.*
4. *After correctly aligning the Sandwich Body to the O-ring plate, lift the body and plate together, turn over the assembly and press the locating pin into the correct location hole. (Pin Supplied Separate)*
5. *Do Not remove the pin as this will simplify reassembly in the event of removal.*
6. *Ensure all O-rings are positioned correctly. Install the Directional Control Valve on top of the stack and tighten the stud nuts alternately to the suggested required torque of **55-60 Nm. (See figure 2)***

Figure 2 - Assembly