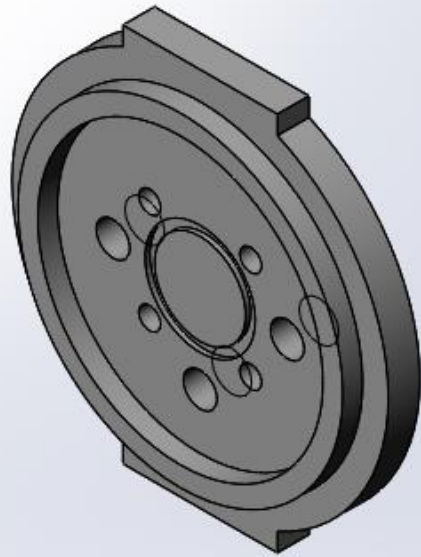
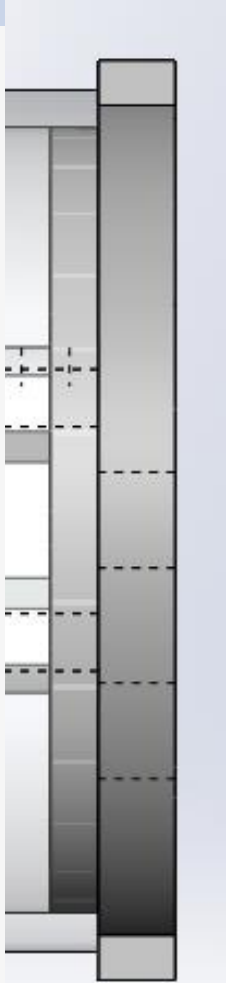


Changes since Last Iteration

Bottom plate

Linear Seal



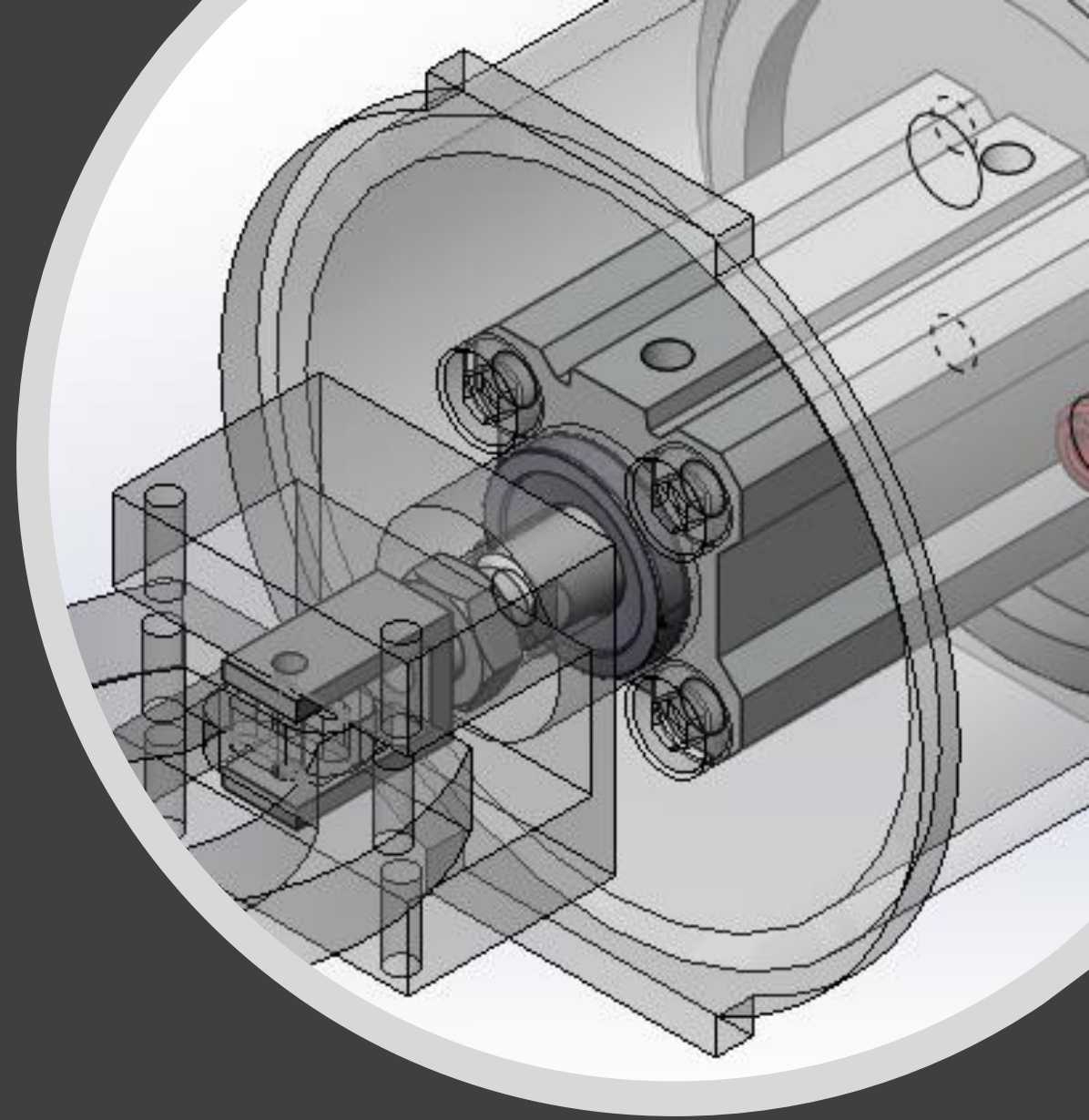
Bottom Plate

- The bottom plate was modified in two ways:
 - The holes for the BR penetrators were added
 - A raised structure was added to mimic the sealing done to the electronics enclosure

Trelleborg Linear Shaft Seal

Seal used is a model available from the Trelleborg website and is used for 10mm shafts.

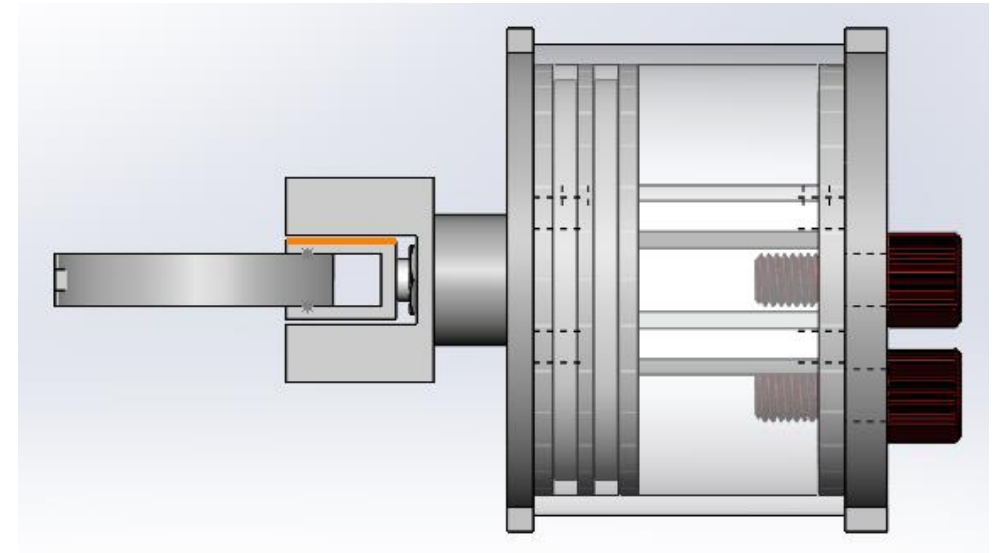
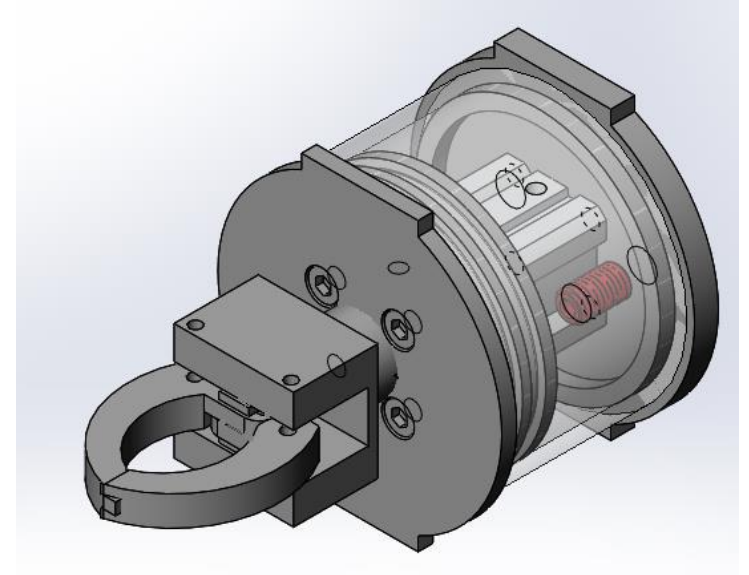
As far as I can tell they are designed to be press fit into the part

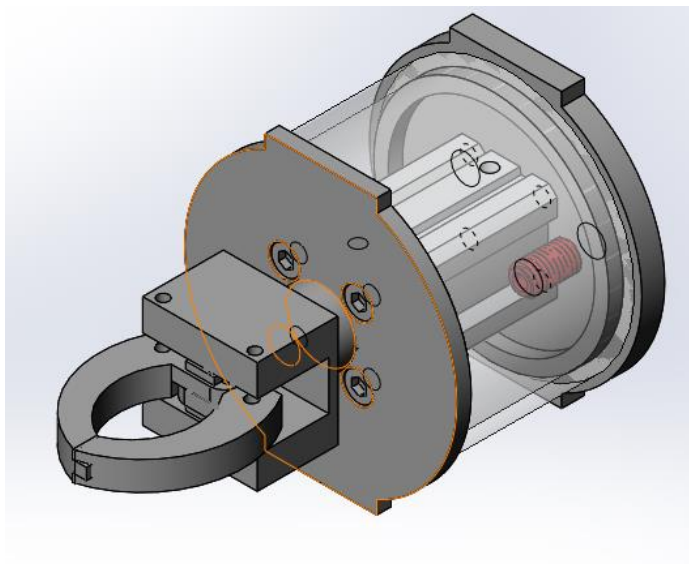


Gripper with O-Ring

- Max Diameter: 96mm (3.8 in)
- Max Length: 172.75mm (6.8 in)

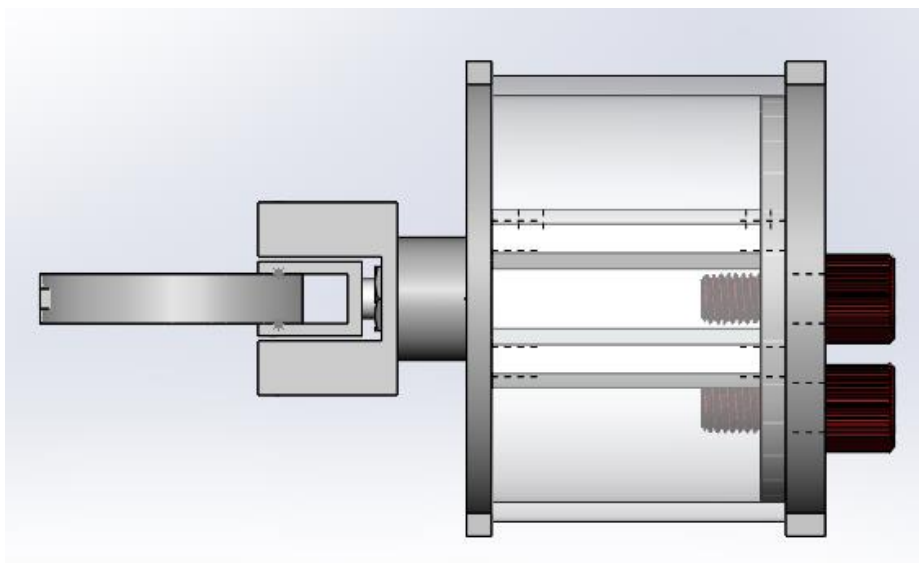
Need to edit geometry to allow for pneumatic fittings to sit in first position





Gripper with Face Seal

- Max Diameter: 96mm (3.8 in)
- Max Length: 172.75mm (6.8 in)



What's next?

- Which type of seal is best for NUGV?
 - Face Seal vs O-ring seal vs something else(?)
- Editing the finger geometry
 - Remove planned bearing slot
- Complete sourcing of parts if design chosen