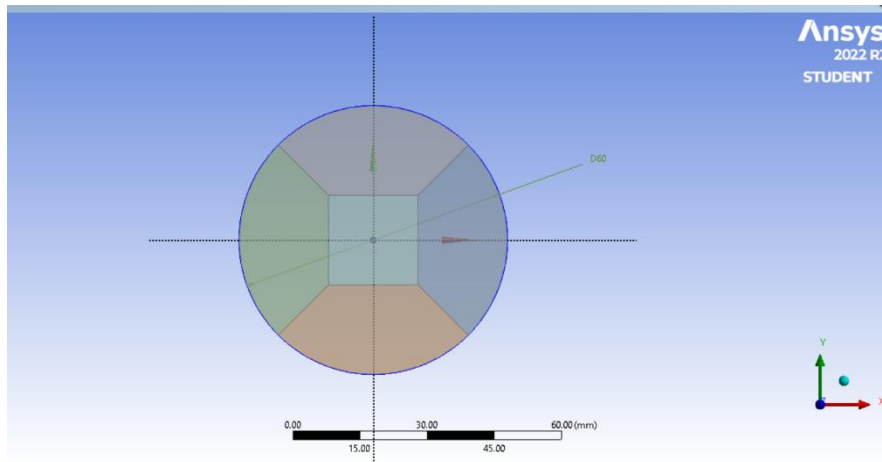


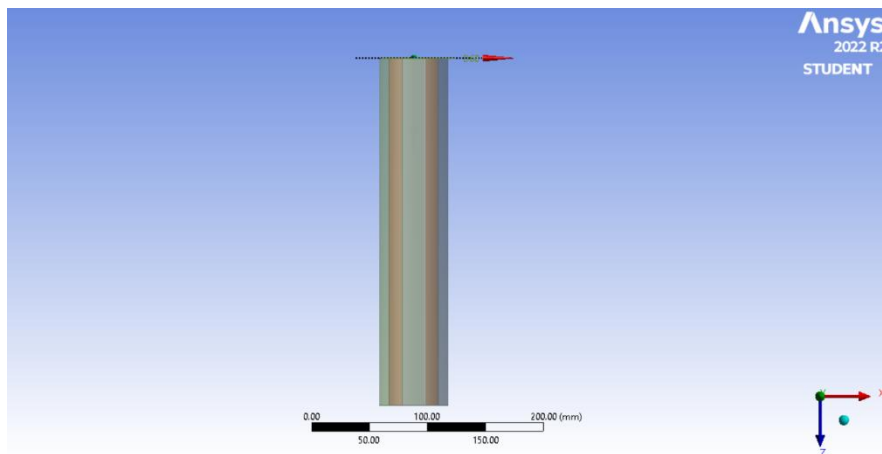
ASSIGNMENT – 2

1)

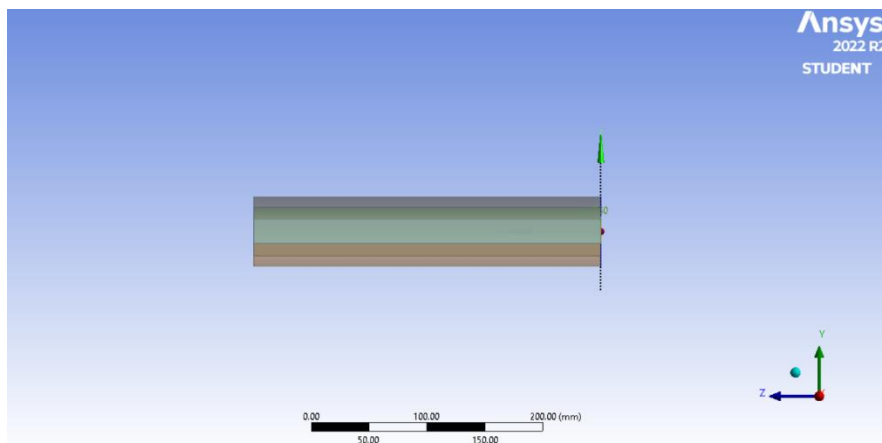
Front View



Top View

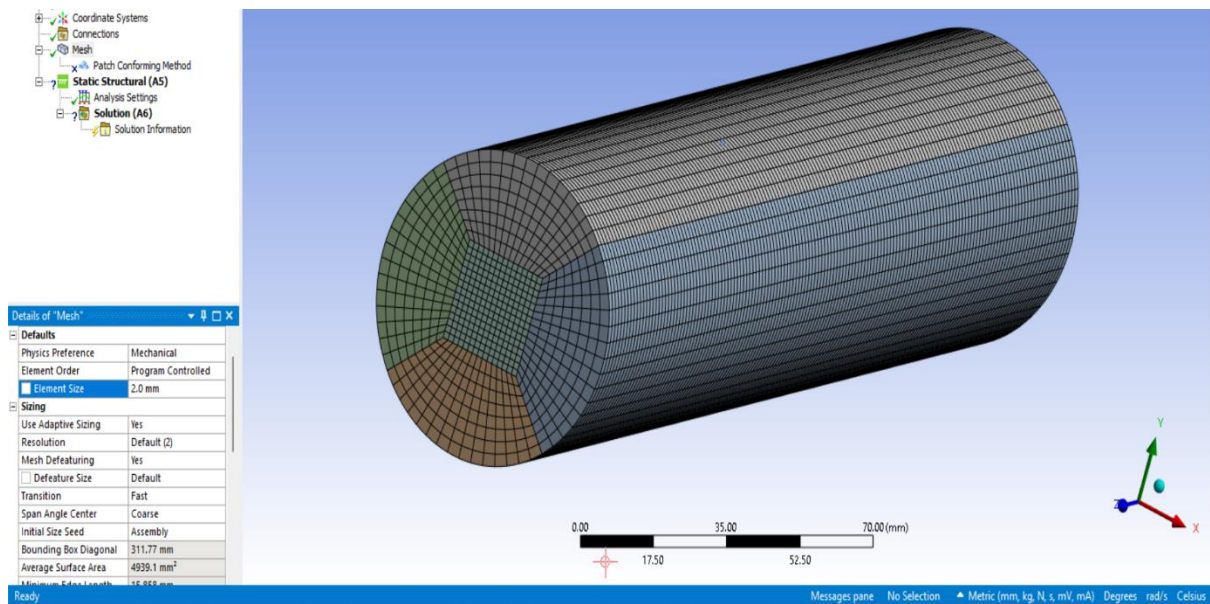


Side View

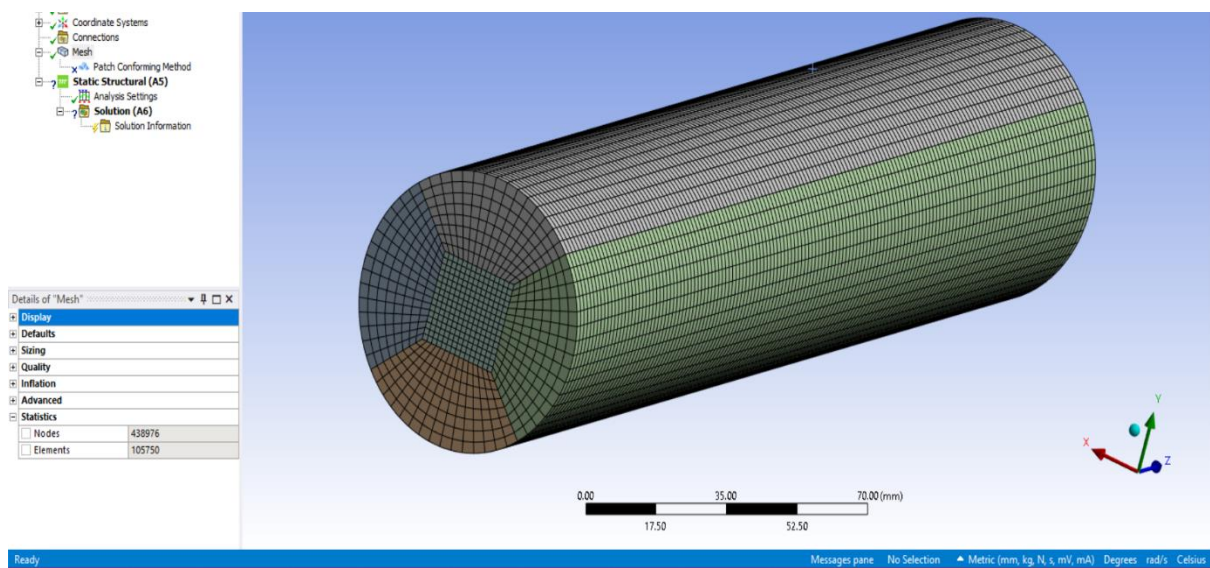


MESHING

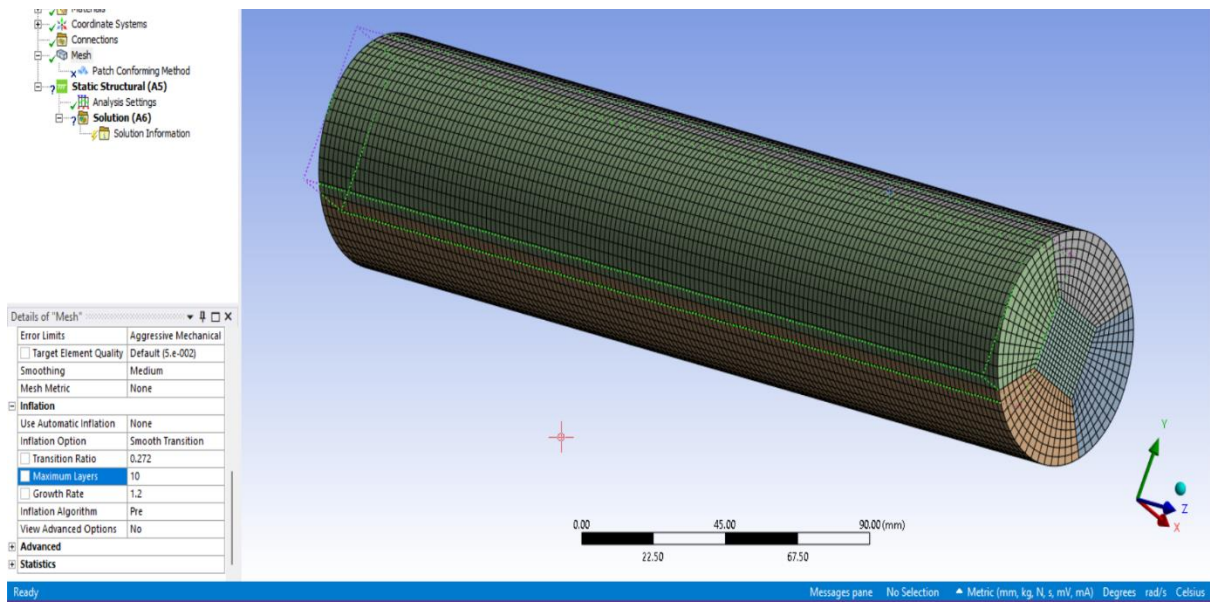
- Element Size = 2mm
- Body Sizing



- Mesh Statistics

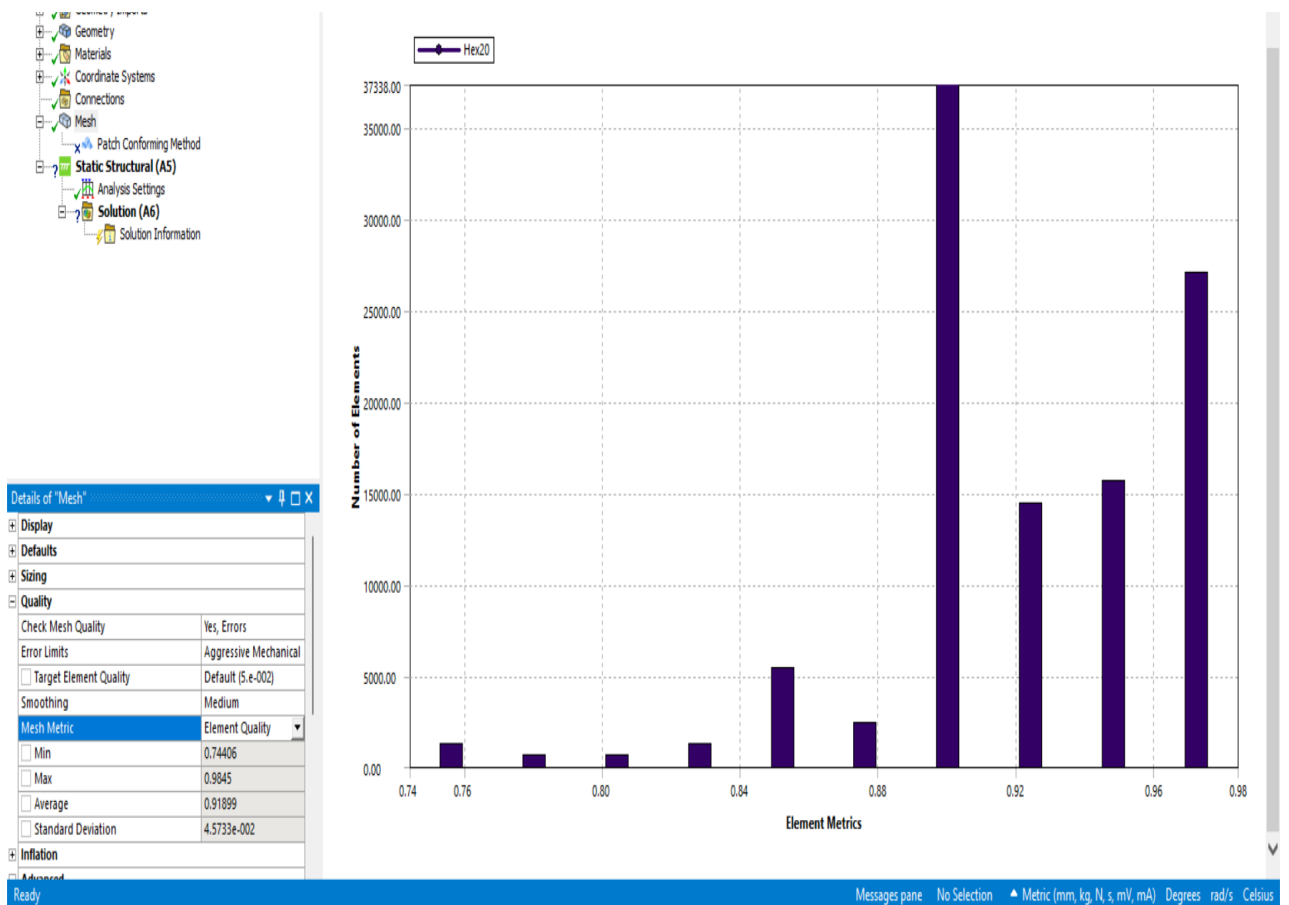


- Inflation Layer

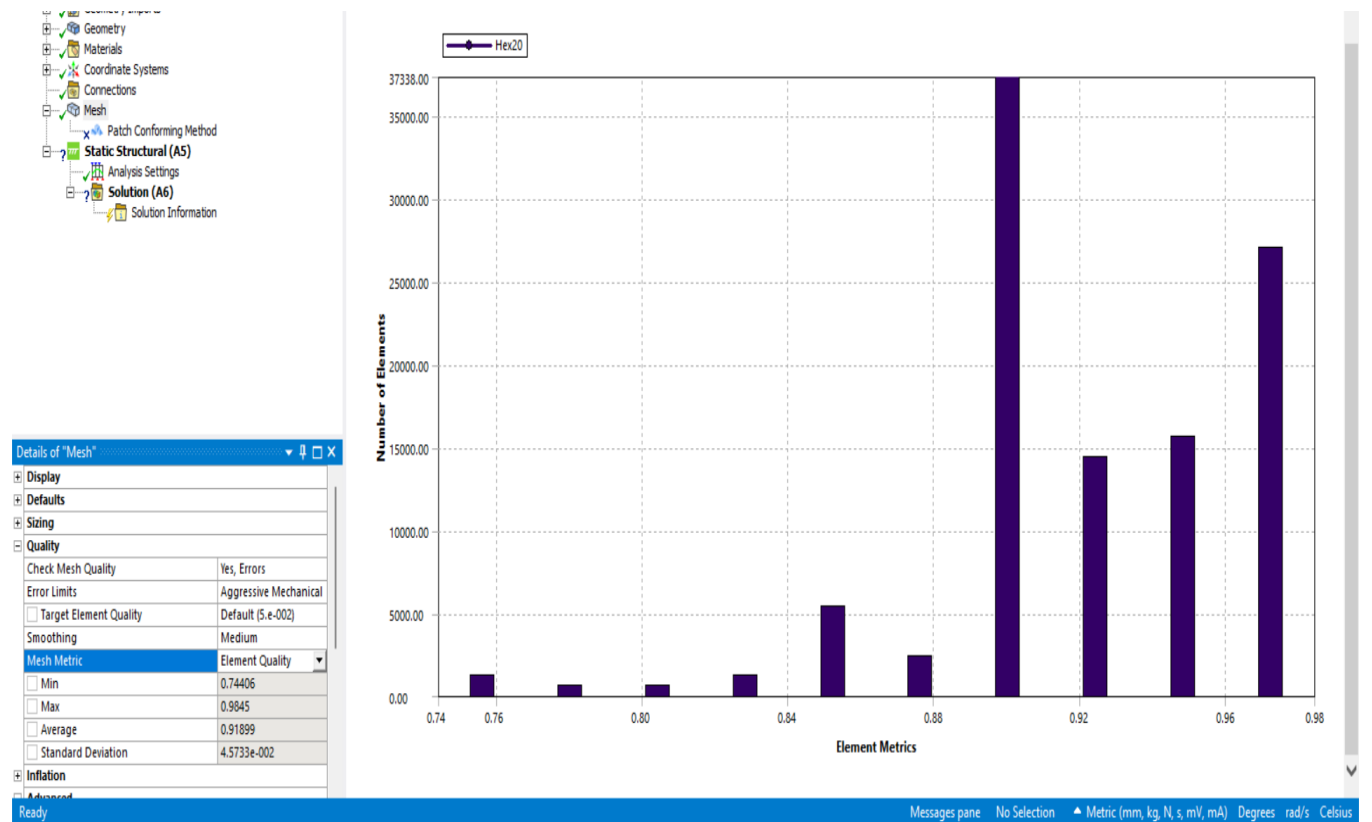


MESH METRIC

- Element Quality Graph



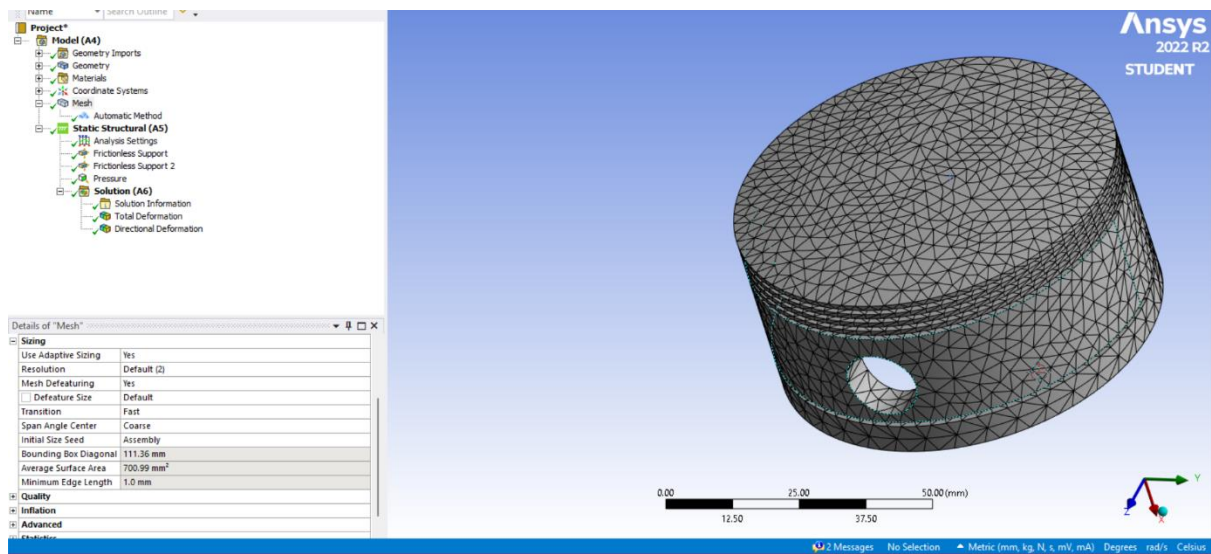
- Skewness Graph



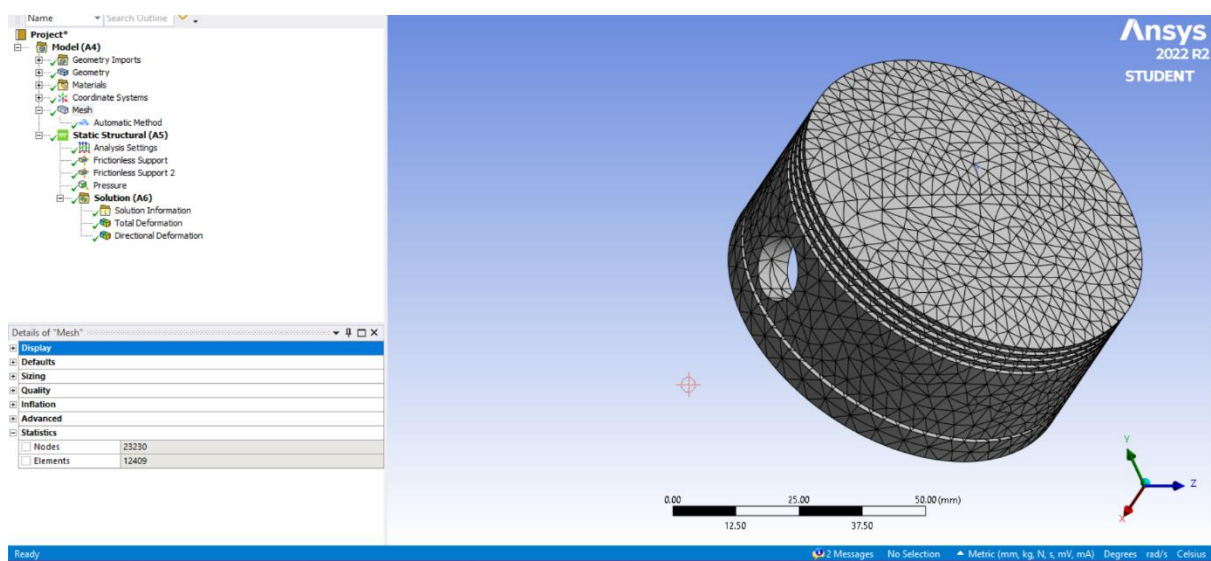
2)

MESHING QUALITY

- Element Size = 3mm
- Automatic Meshing
- Body Sizing

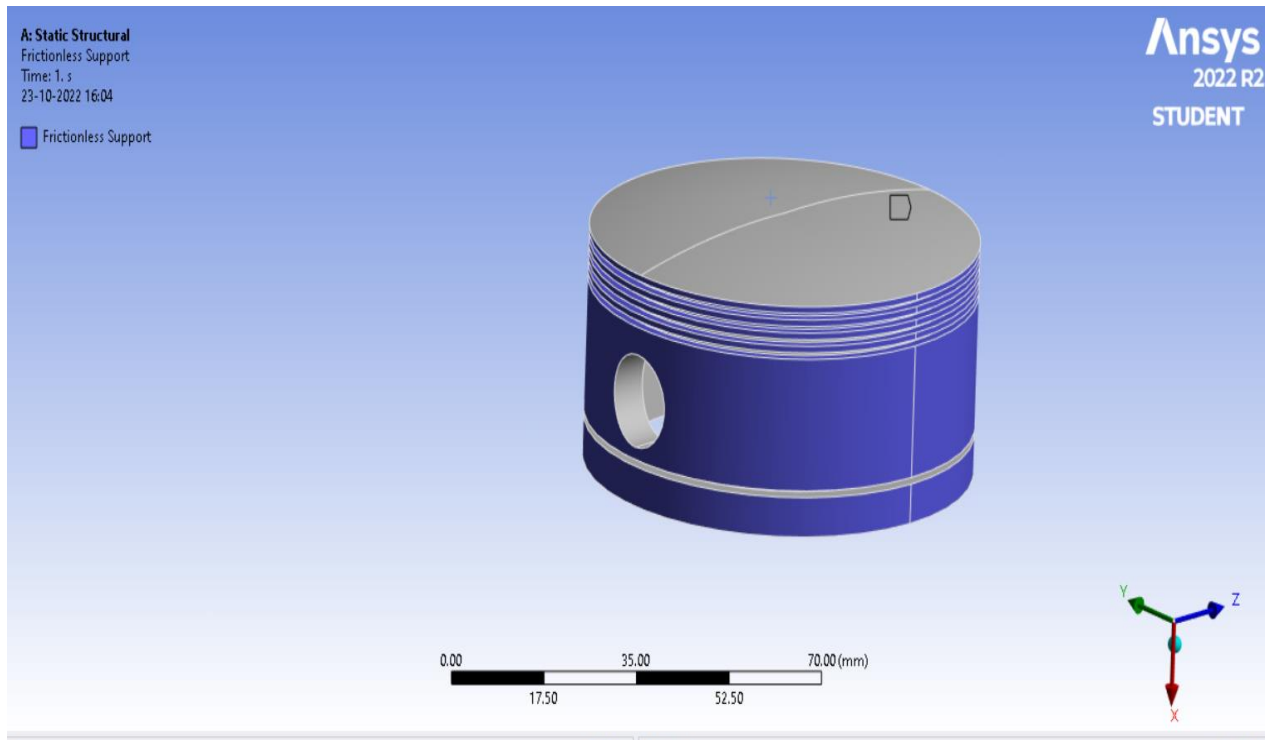


- Mesh Statistics



STATIC STRUCTURAL

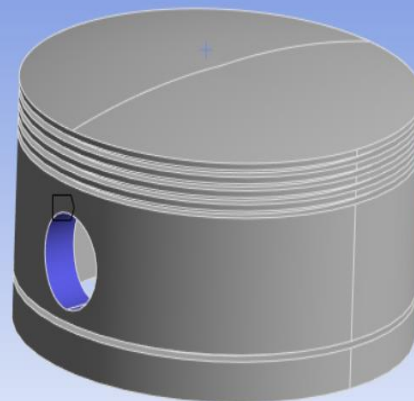
- Frictionless Support



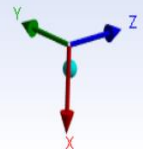
A: Static Structural
Frictionless Support 2
Time: 1. s
23-10-2022 16:04

Frictionless Support 2

Ansys
2022 R2
STUDENT



0.00 35.00 70.00 (mm)
17.50 52.50

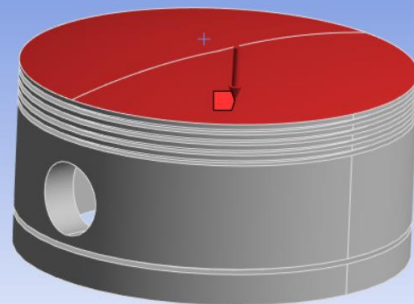


- Pressure = 5MPa

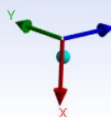
A: Static Structural
Pressure
Time: 1. s
23-10-2022 16:04

Pressure: 5. MPa

Ansys
2022 R2
STUDENT

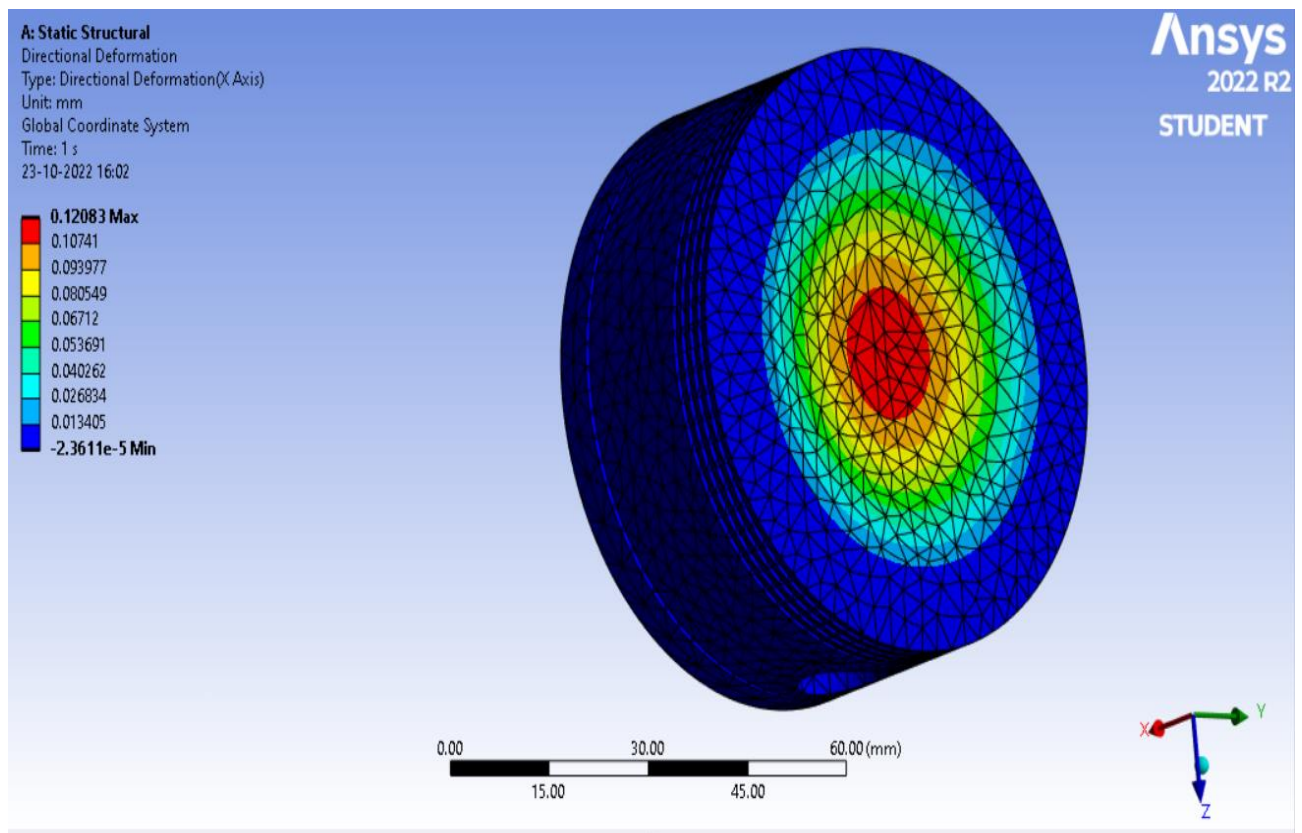


0.00 35.00 70.00 (mm)
17.50 52.50



RESULT

- Directional Deformation



- Total Deformation

