

# SimOps Structural Report

Component: Cylinder

FAILED

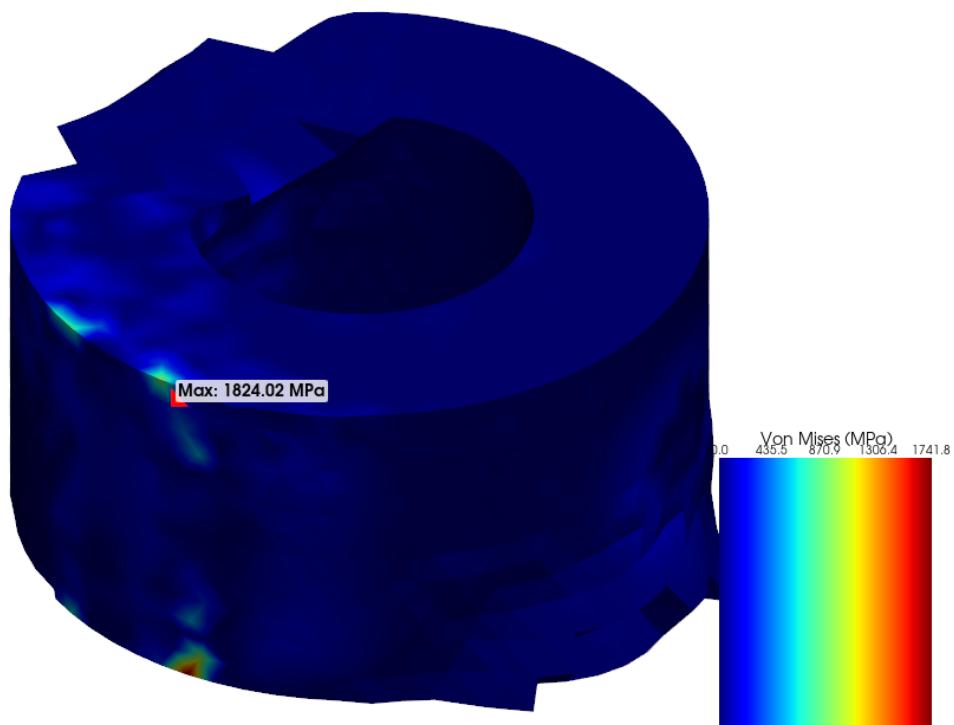
Date: 2025-12-27 18:10

## Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	1824.02 MPa
Max Displacement:	99.97 um
Safety Factor:	0.15
Elements:	14,886
Nodes:	24,041

## Stress Distribution

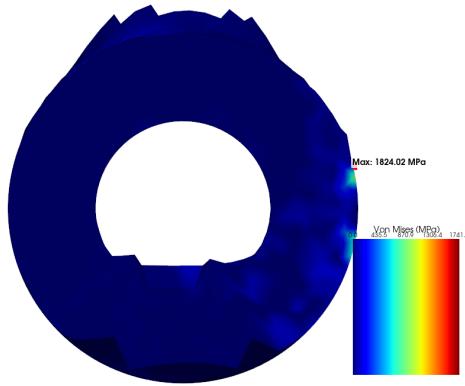
Static Structural: 1G Z-Load (Iso View)



## Additional Views

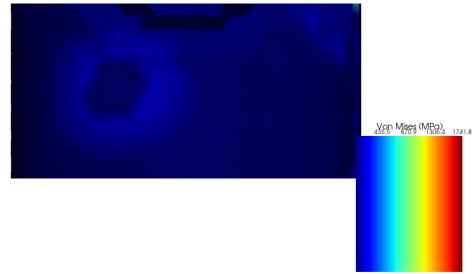
### Top

Static Structural: 1G Z-Load (Top View)



### Front

Static Structural: 1G Z-Load (Front View)



### Side

Static Structural: 1G Z-Load (Side View)

