

SimOps Structural Report

Component: Cylinder
Date: 2025-12-27 18:53

PASSED

Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	208.73 MPa
Max Displacement:	999809999999999898719987250580316558914868728616595326353423
Safety Factor:	1.32
Elements:	15,008
Nodes:	24,221

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)

