Dummy vessel
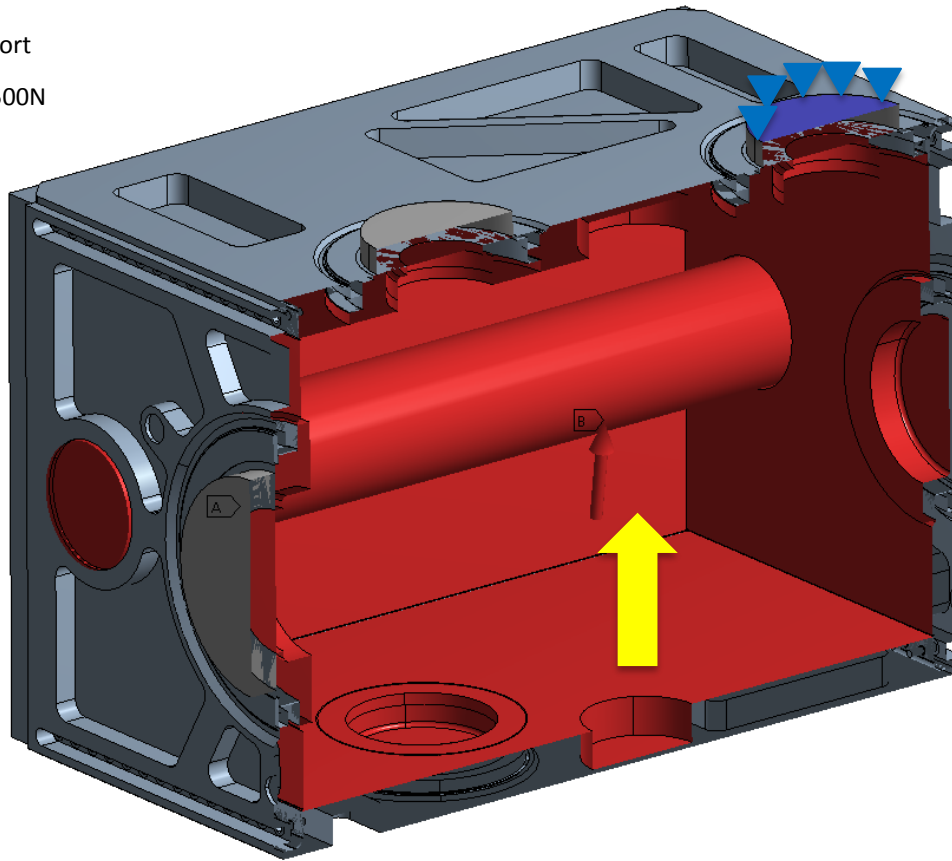## bolts calculation

■ Pressure 0.18 MPa

⬆ Acceleration 9806.6 mm/s²

▲ Fixed support

⬌ Preload 4500N
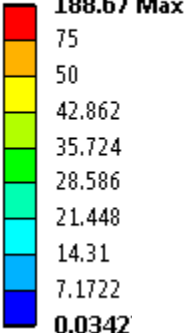
Welds not modeled

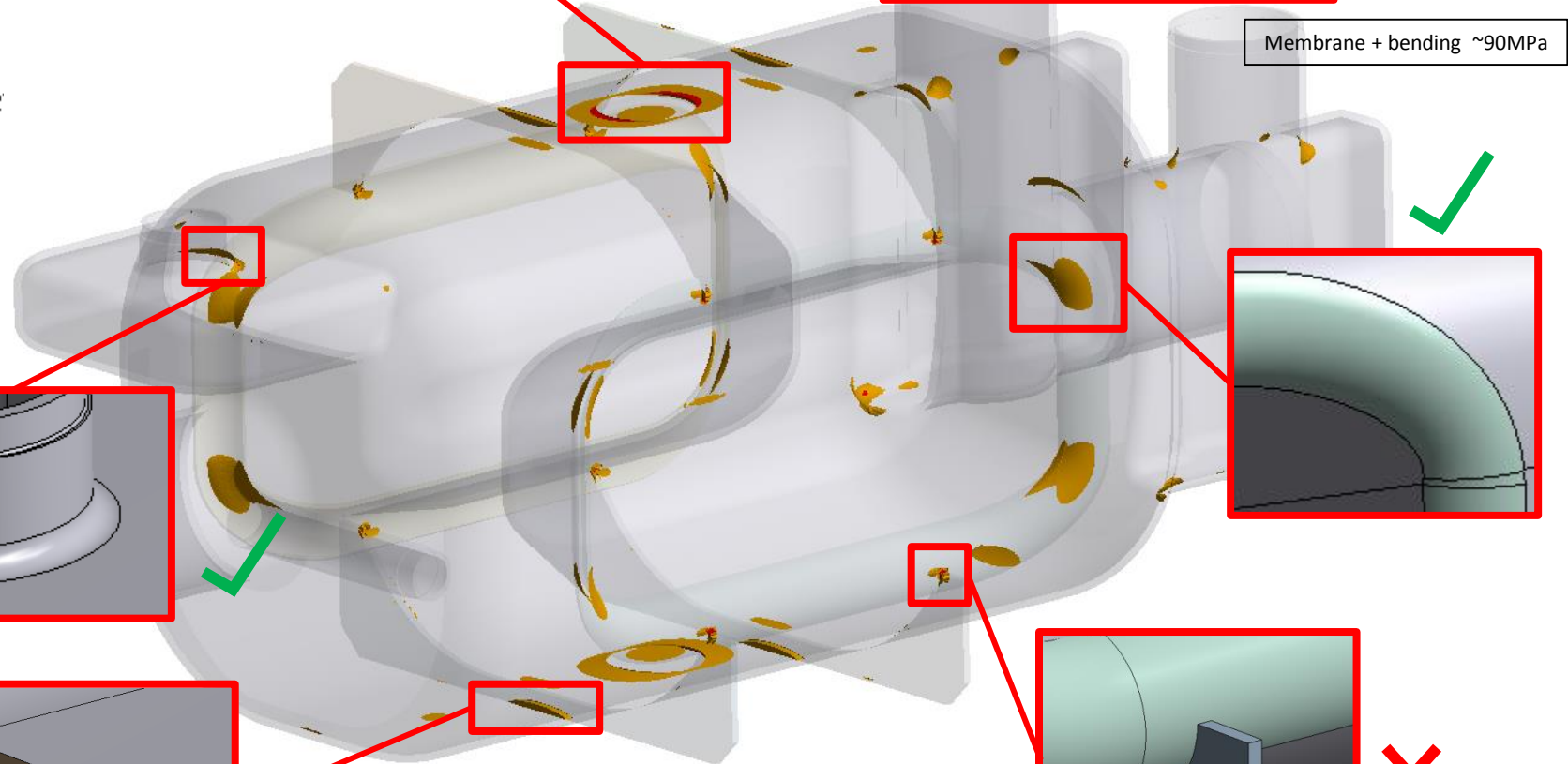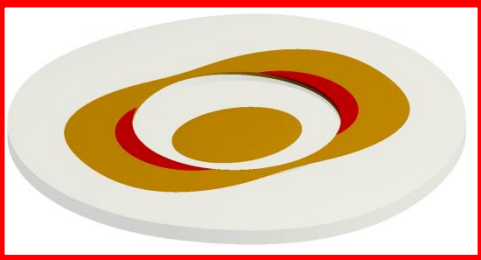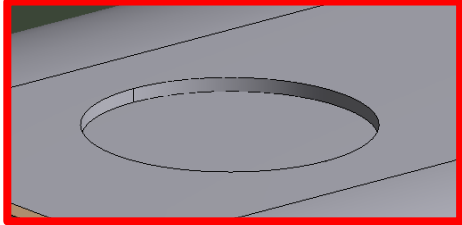| Max axial force [N]	Max shear force [N]	Max bending moment [Nmm]	Max equivalent stress [MPa]	SF
4760	725	3765	655	1.26

RFD cavity submodel

Type: Stress Intensity
Unit: MPa
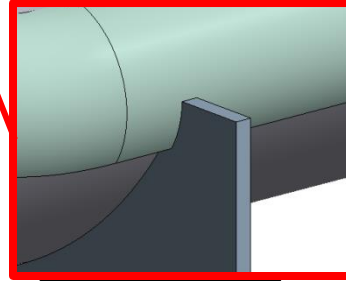
188.67 Max
75
50
42.862
35.724
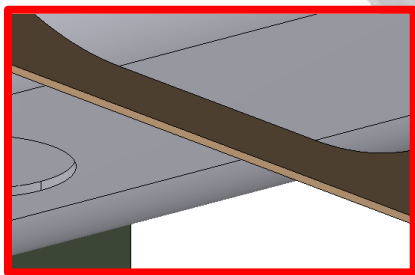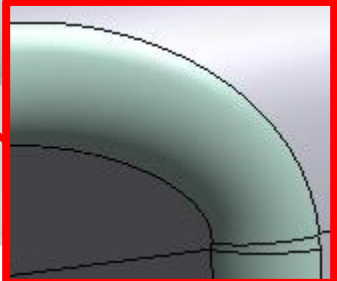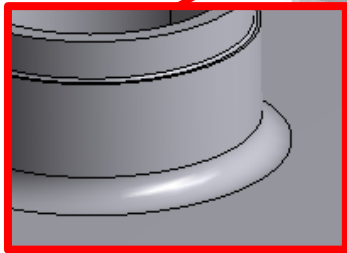28.586
21.448
14.31
7.1722
0.0342

> 75 MPa

> 50 MPa

submodel

Membrane + bending ~90MPa

Peak stress 188 MPa