

Vacuum vessel calculations

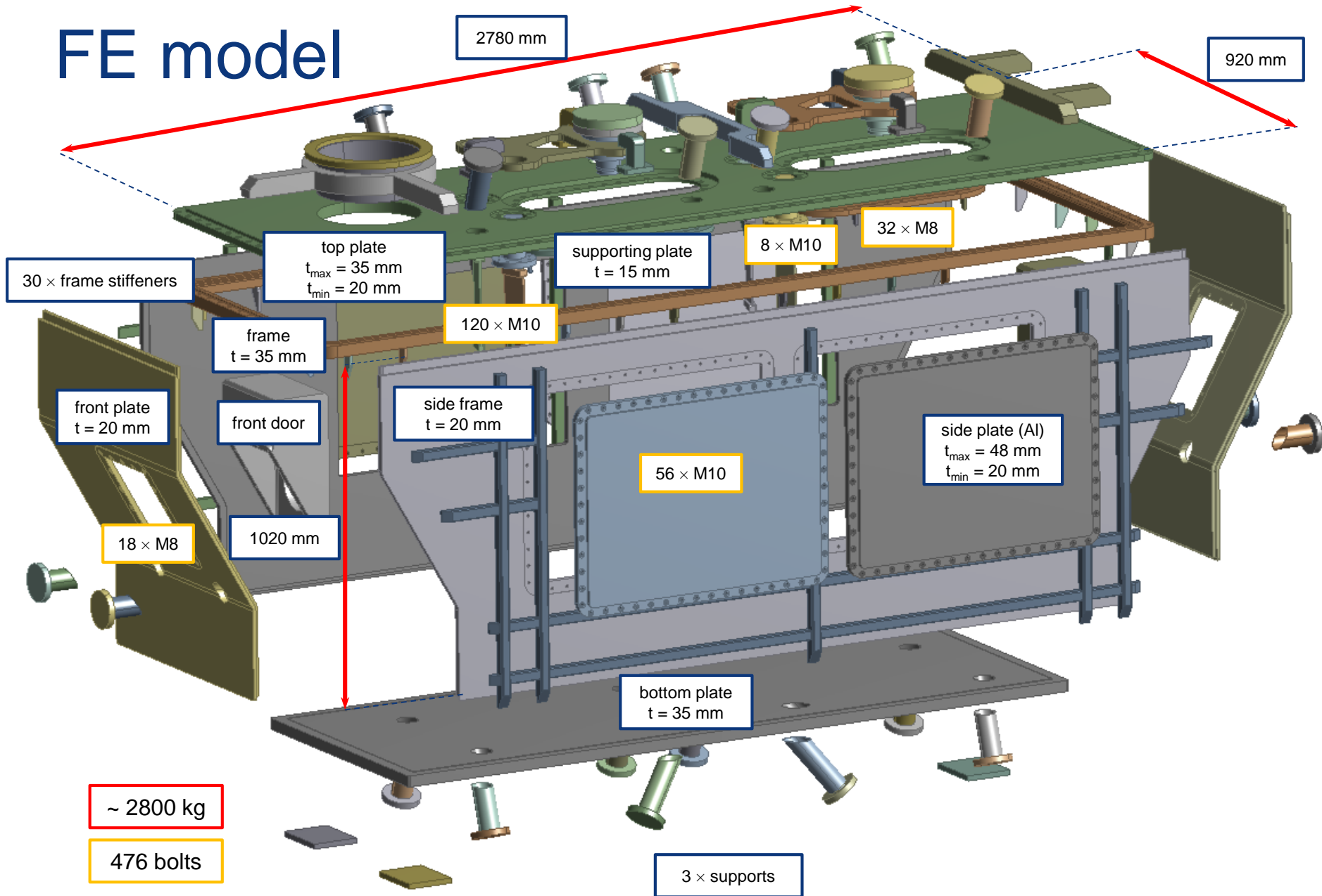
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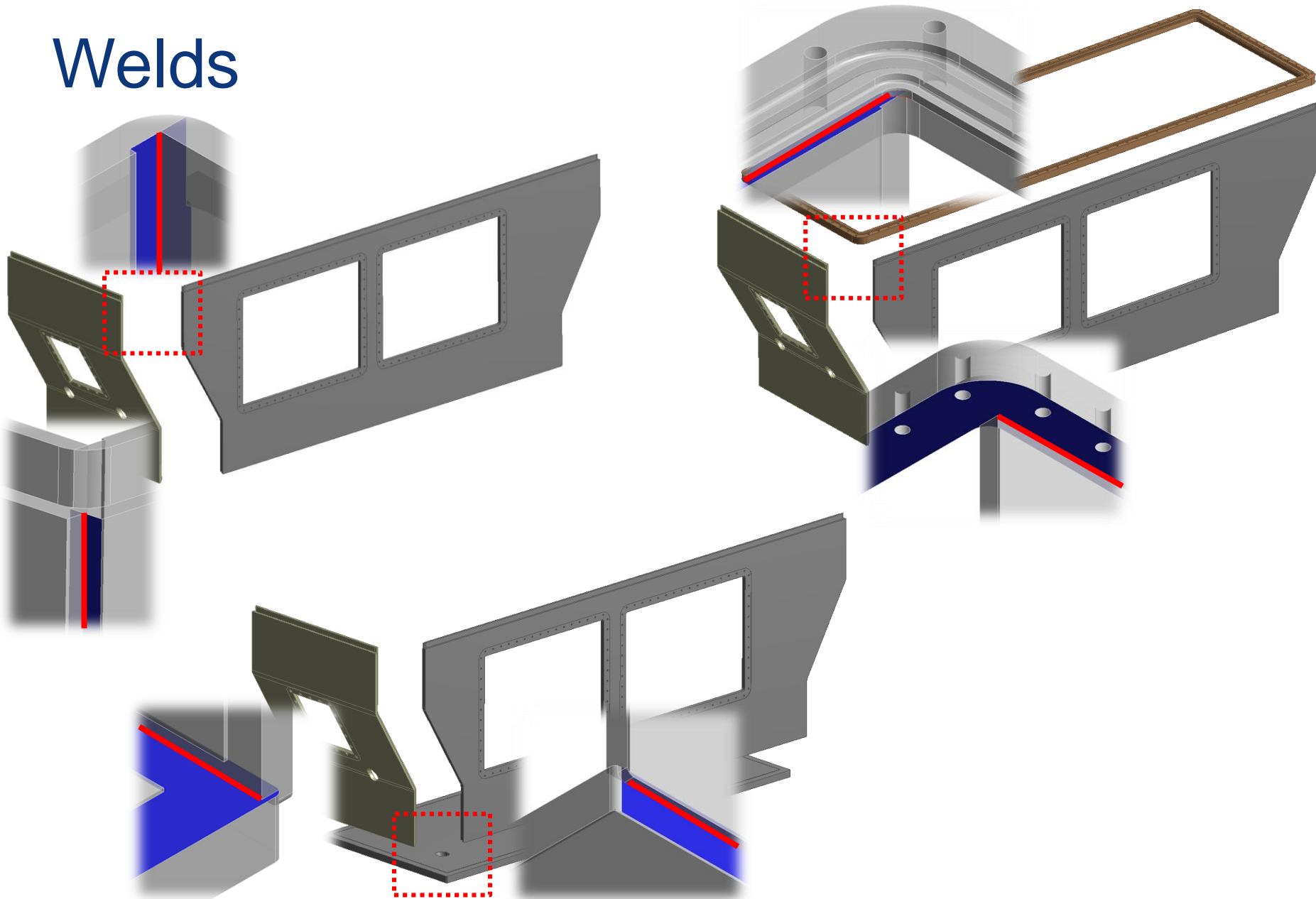


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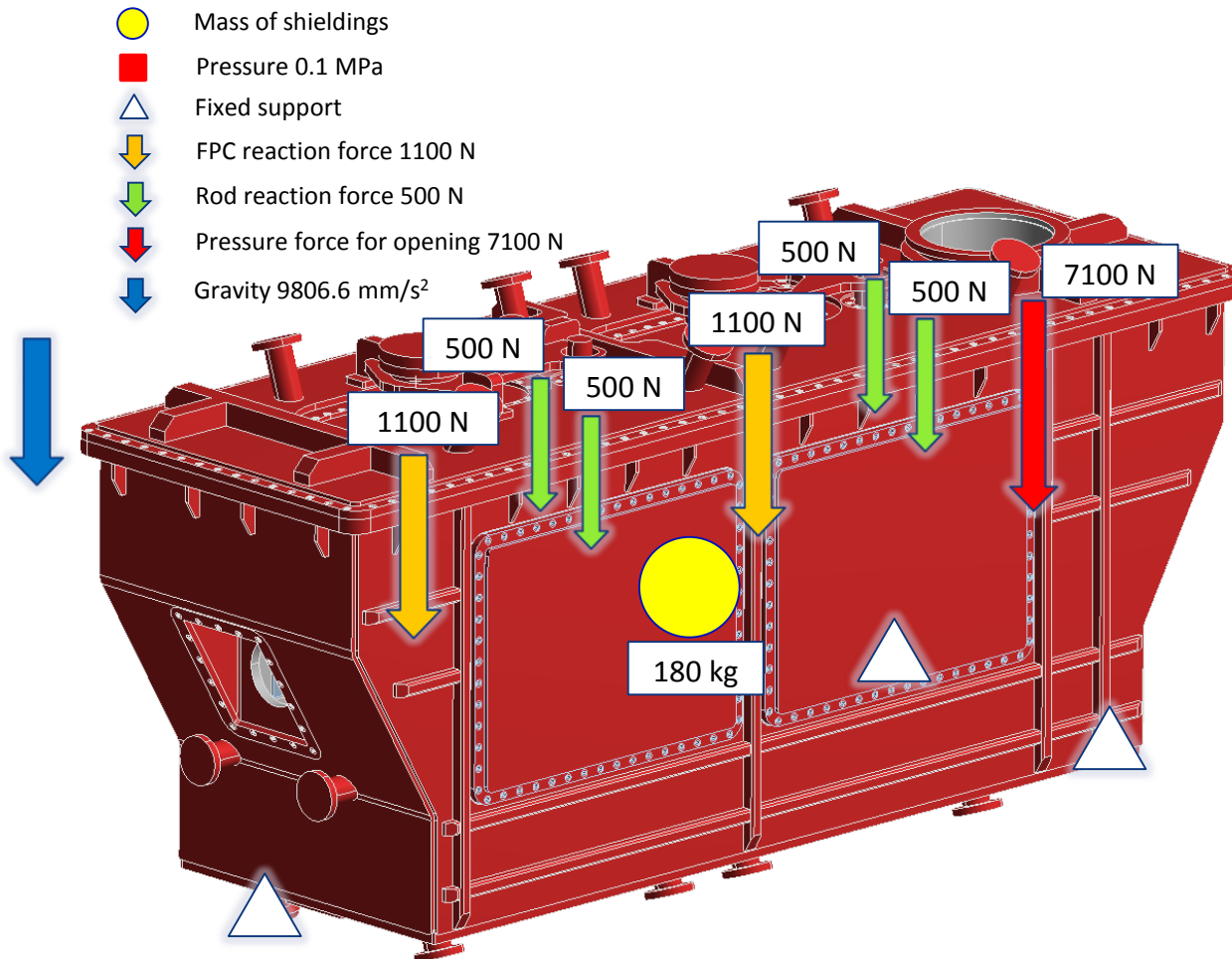
FE model



Welds



BCs and loads



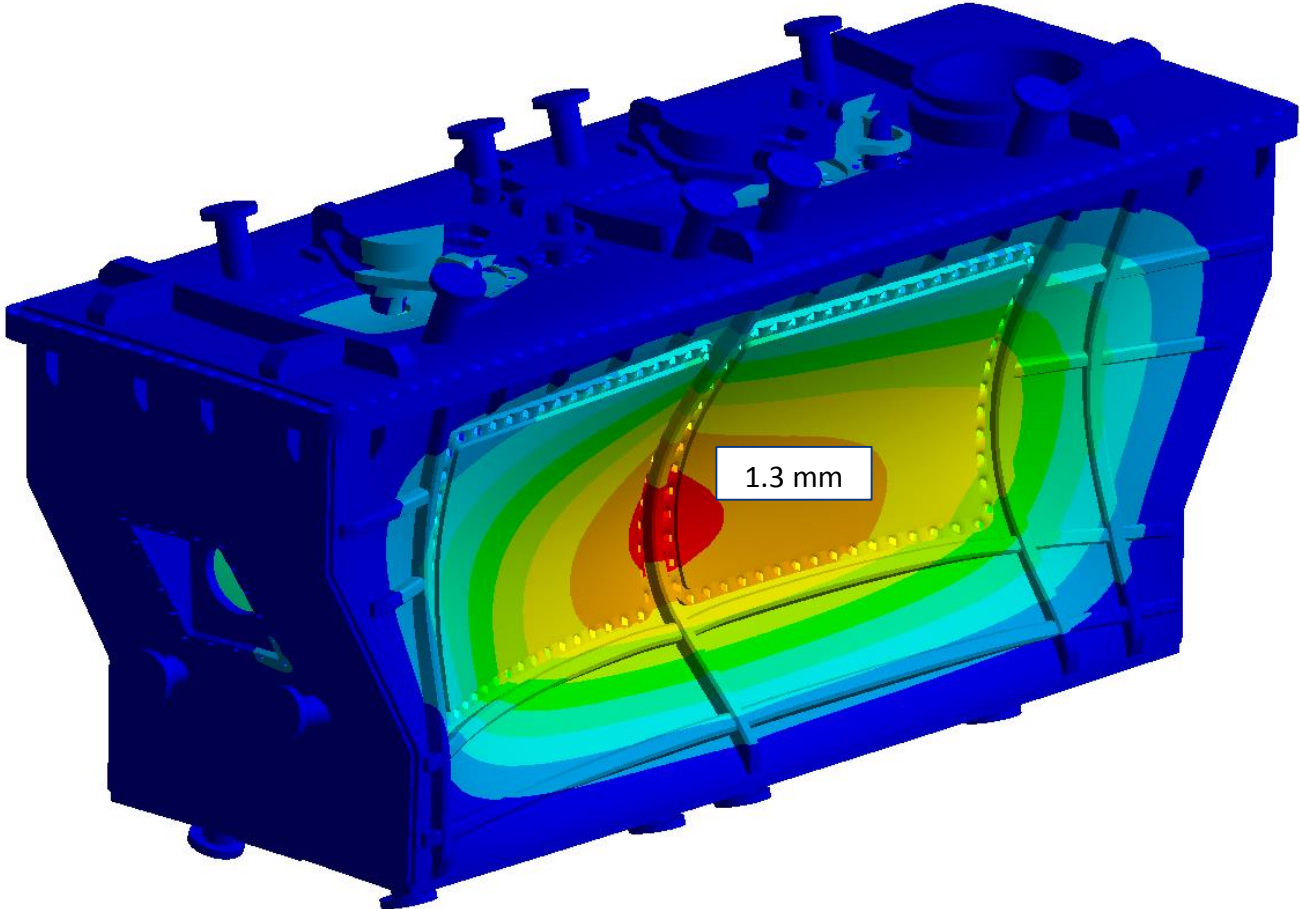
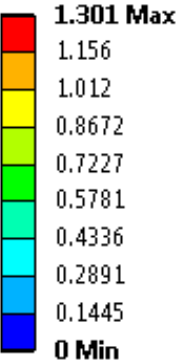
- bolt preload:
 - 35 kN (M10),
 - 22 kN (M8).
- friction coefficient:
 - 316LN – 316LN (**0.3**)
 - aluminium – 316LN (**0.3**)
- bolt properties calculated according to VDI2230-2

Total deformation

A: Static Structural

Total Deformation

Unit: mm



Vertical deformation

Directional Deformation(Z Axis)
Unit: mm

