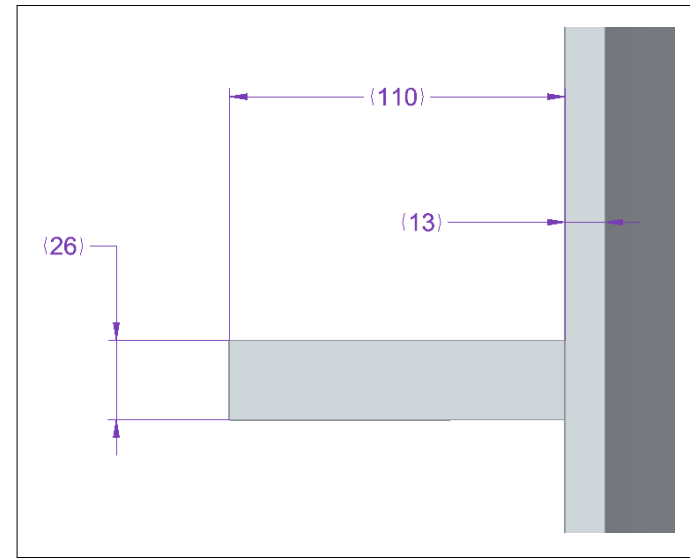
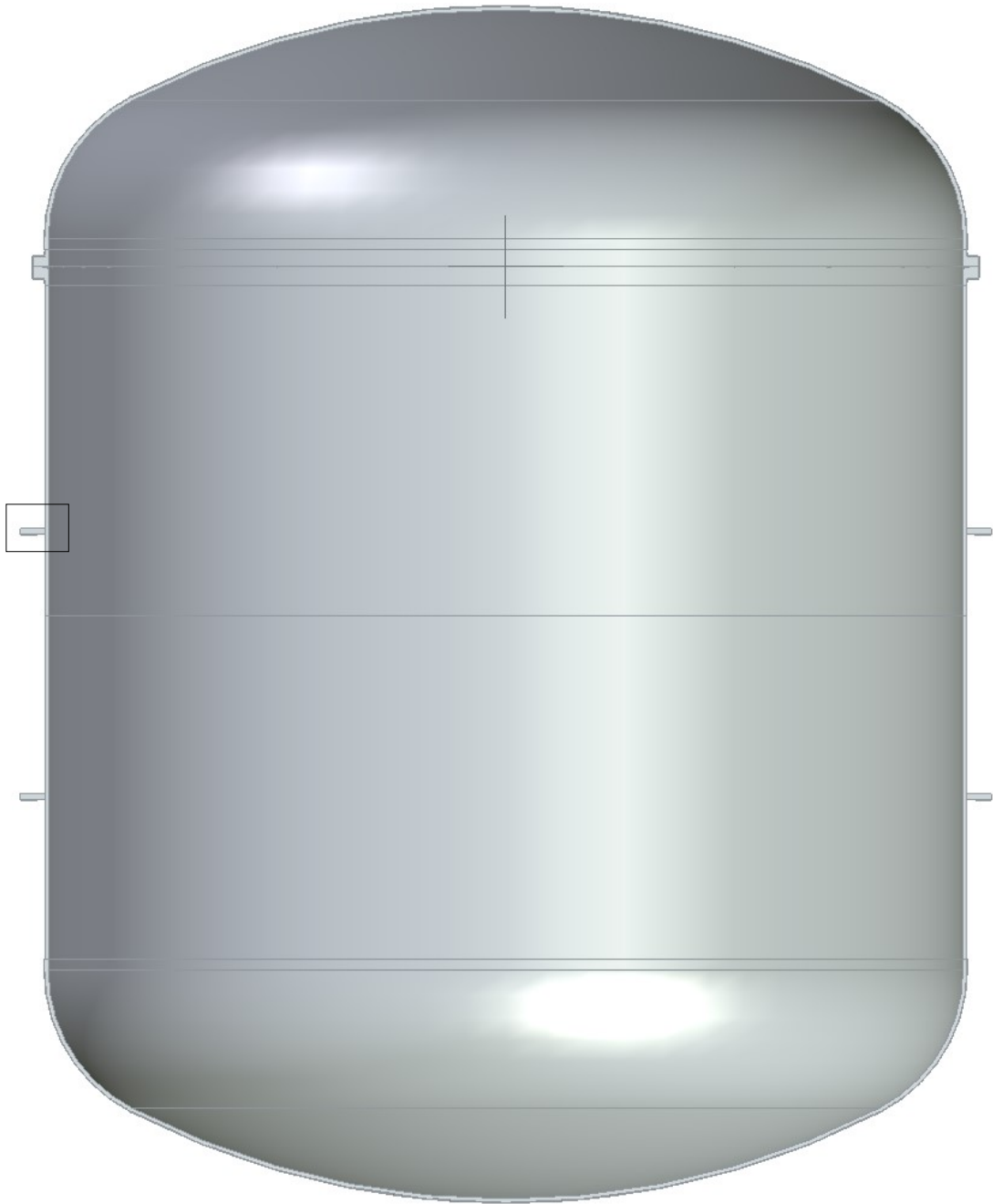


XLZD Cryostat Design

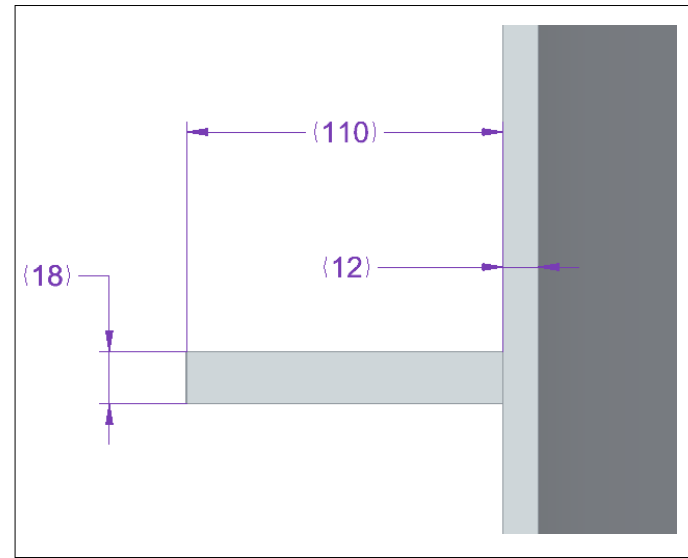
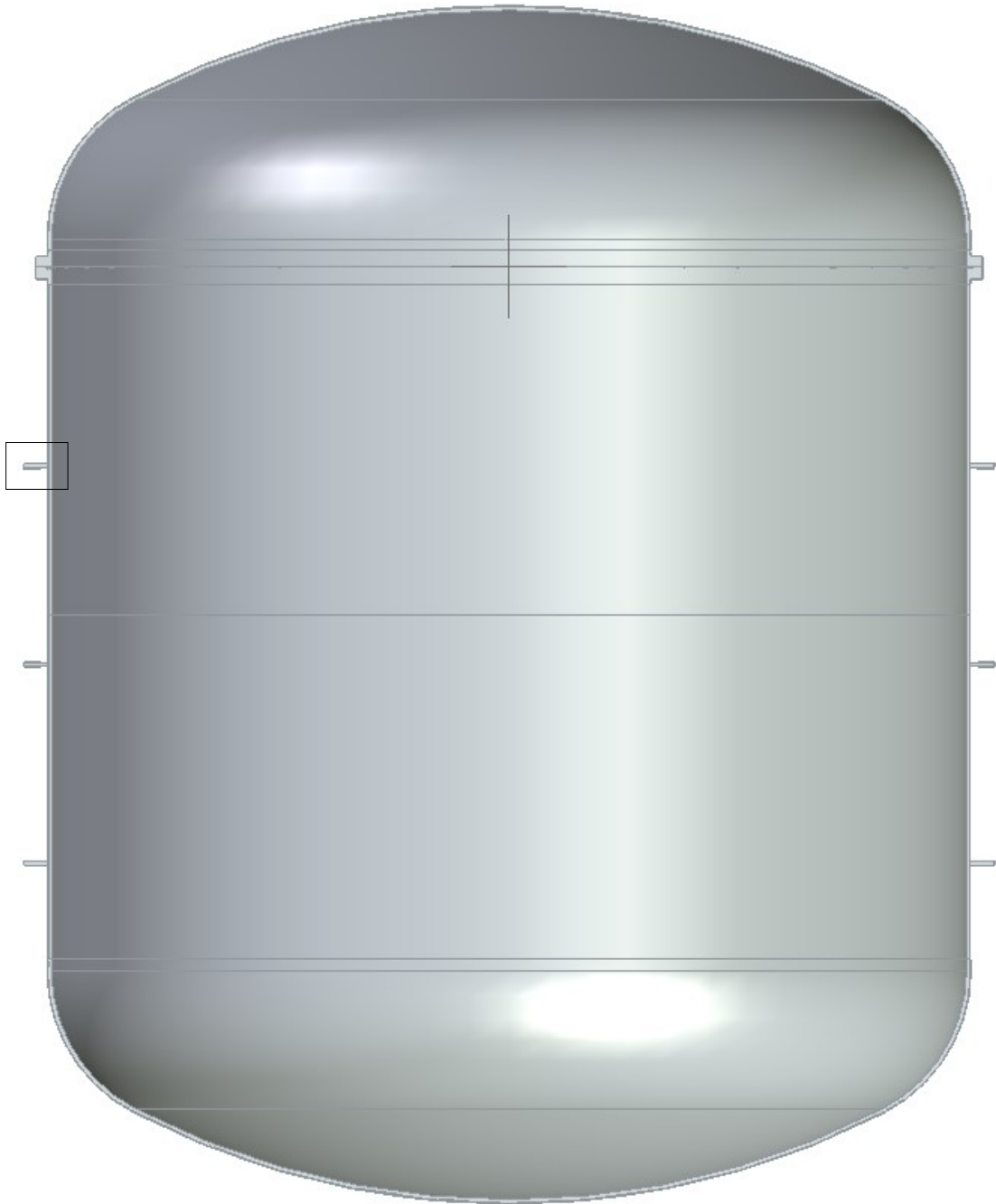
Stiffener Investigation

18/08/2023



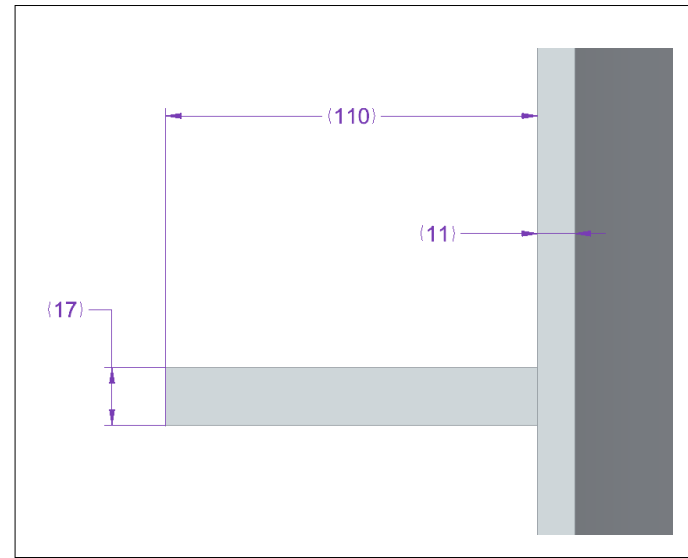
13mm w.t. cylinder mass = 2178kg
Stiffener mass = 168kg

Cylinder + 2 stiffeners = 2515kg



12mm w.t. cylinder mass = 2010kg
Stiffener mass = 116kg

Cylinder + 3 stiffeners = 2358kg



11mm w.t. cylinder mass = 1842kg
Stiffener mass = 110kg

Cylinder + 4 stiffeners = 2282kg