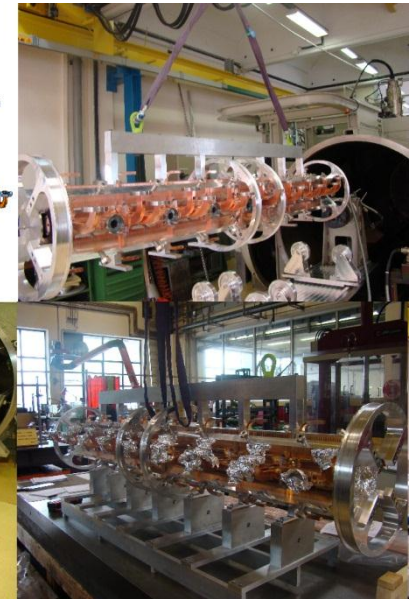
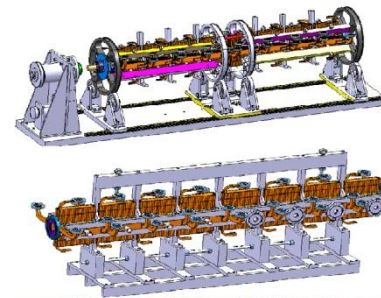
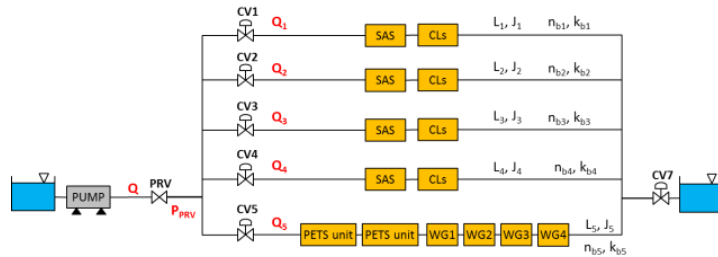


← 3D Model and 2D drawings for the layout of cooling water system for thermal test of TM0 in lab. (completed)



↑ Preparation of lifting / handling sequence of AS Assembly for EBW. (completed)

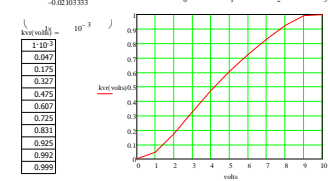


Inputs
 Regulating Pressure (Pa) PRV := 200000
 CV Voltage (Volts) v1 := [] v2 := [] v3 := [] v4 := [] v5 := [] v7 := []

Fluid Properties
 Fluid Density (Kg/m³) ρ = 1000
 Fluid Viscosity (Pa-s) μ = 0.001002

Valve Characteristics
 kv1 = 0.12 kv2 = 0.04 kv3 = 0.45
 kv4 = 0.12 kv5 = 0.04 kv7 = 0.45

Results
Flowrates (m³/hr)
 Q = 0.3123
 Q1 = 0.071
 Q2 = 0.071
 Q3 = 0.071
 Q4 = 0.071
 Q5 = 0.0284



Pressure Drops (Pa)

Control valves	Line Losses	Fitting Losses
ΔPcv1 = 6.653e	10 ⁴ PF1 = 1.567e	10 ⁴ ΔPfit1 = 1.868e
ΔPcv2 = 6.653e	10 ⁴ PF2 = 1.567e	10 ⁴ ΔPfit2 = 1.868e
ΔPcv3 = 6.653e	10 ⁴ PF3 = 1.567e	10 ⁴ ΔPfit3 = 1.868e
ΔPcv4 = 6.653e	10 ⁴ PF4 = 1.567e	10 ⁴ ΔPfit4 = 1.868e
ΔPcv5 = 9.612e	10 ³ PF5 = 3.222e	10 ³ ΔPfit5 = 2.19e
ΔPcv7 = 9.162e	10 ⁴	ΔPfit0 = 7.498e

← Integrated hydraulic calculations for the cooling water system for thermal test of TM0 in lab. (completed)