

Report printed Feb 13, 2015 at 15:38:48

RD <----- Relief Valve or Rupture Disk [RV or RD or "k"]
 11.000000 <----- Supply Press. (abs) (bars) [Must be > 1.0]
 300.000000 <----- ID Relief Orifice or Rupture Disk Opening (mm.)
 314.000000 <----- ID Relief Exit Piping (mm.)
 -1.0101 <----- ID Relief Exit Piping (mm.)
 1334.000000 <----- ID Manifold Piping (mm.)
 1.060000 <----- ID Supply Header (mm.)
 26.000000 <----- Fluid Density (Specific Gravity)
 -1.0101 <----- Length of Relief Exit Piping (m.)
 3400.000000 <----- Length of Manifold Piping (m.) [May be zero]
 19.000000 <----- Fluid Bulk Modulus (N./sq.mm.) [Default = 1723]
 <----- Supply Header Pipe Wall Thickness (mm.)

Computed Mass Flowrate (kg./hour) 7571931.0000
 Thrust at End of Exit Piping (KG) 5493.7603
 Thrust at End of Manifold Piping (KG) 5493.7603
 Transient Pressure Rise, Valve Opening (bars) 0.5051
 Transient Pressure Rise, Valve Closing (bars) 18.3596
 Friction Factors (Exit, Manifold)..... (bars) 0.0129 0.0129
 Orifice Flow Conditions (P, Vel) --abs) (m. /s) 4.0 28.1
 Exit Pipe End Flow Conditions (P, Vel) 1.0 25.6
 Manifold Pipe End Flow Conditions.. (P, Vel) 1.0 25.6