Block UBH2CYLINDER





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Inputs

1. Inflow [kg/tinestep]
2. Time
3. Ambient Temperature [°C]
4. Outflow Setpoint [kg/tinestep]

Outputs

1. Filling Level [MPa]
2. Stored Hydrogen [kg]
3. Outflow [kg/timestep]
4. Number of Refills [-]

Parameters

1. Amount of Cylinders
2. Cylinder Volume [m^3]
3. Time Step
4. Initial Hydrogen Pressure [MPa]
5. Equation of State
6. Automatic Refills
7. Automatic Refills Lower Boundary [MPa]

Strings

None