Block STURB

The STURB block...



DUMMY

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Inputs

1 Mass flow
2 Temperature T
3 Pressure p

Outputs

1 Mechanical power at the turbine shaft Pmech
2 Temperature
3 Pressure p
4 Specific enthalpy h
5 Thermal efficiency eta

Parameters

1 Mass flow at design conditions m0
2 Inlet pressure at design conditions p10
3 Outlet pressure at design conditions p20
4 Polytropic efficiency etap

Strings

None

Remarks