

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
