

Block R134A

The R134A block calculates the thermodynamic properties of refrigerant R134a.



DUMMY

Name	R134A
Function	st0043
Inputs	2
Outputs	7
Parameters	0
Strings	0
Group	S

Inputs

- | | |
|---|------------------------------|
| 1 | Temperature / °C |
| 2 | Density / kg m ⁻³ |

Parameters

None

Outputs

- | | |
|---|---|
| 1 | Pressure p / MPa |
| 2 | Specific enthalpy h / kJ kg ⁻¹ |
| 3 | Specific entropy s / kJ kg ⁻¹ K ⁻¹ |
| 4 | Specific isobaric heat capacity / kJ kg ⁻¹ K ⁻¹ |
| 5 | Vapor pressure p_s / MPa |
| 6 | Density ρ' / kg m ⁻³ |
| 7 | Specific enthalpy h' / kJ kg ⁻¹ |

Strings

None
