

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