

Engineering Software

Copyright © 1996

P.O. Box 2134

Kensington, MD 20891

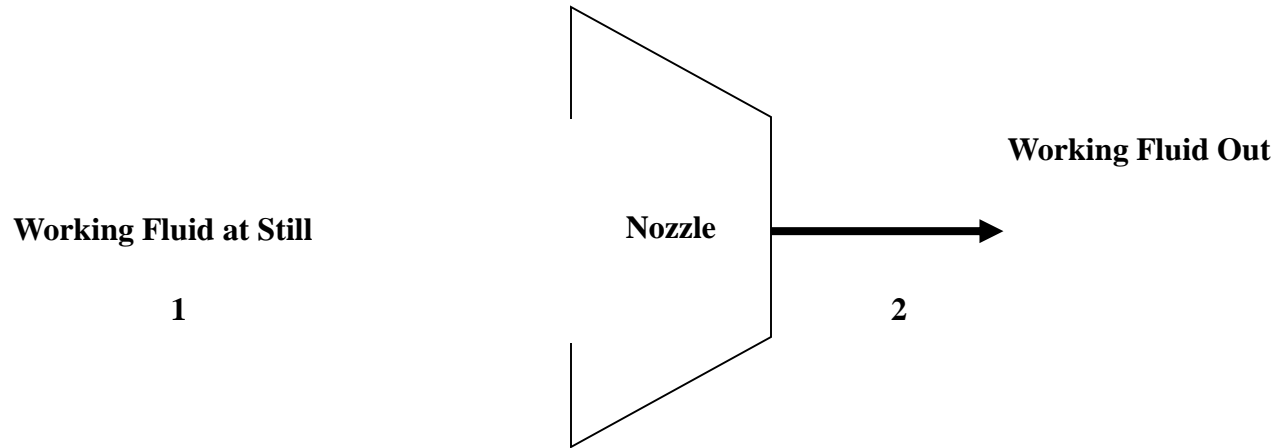
Phone: (301) 919-9670

E-Mail: info@engineering-4e.com

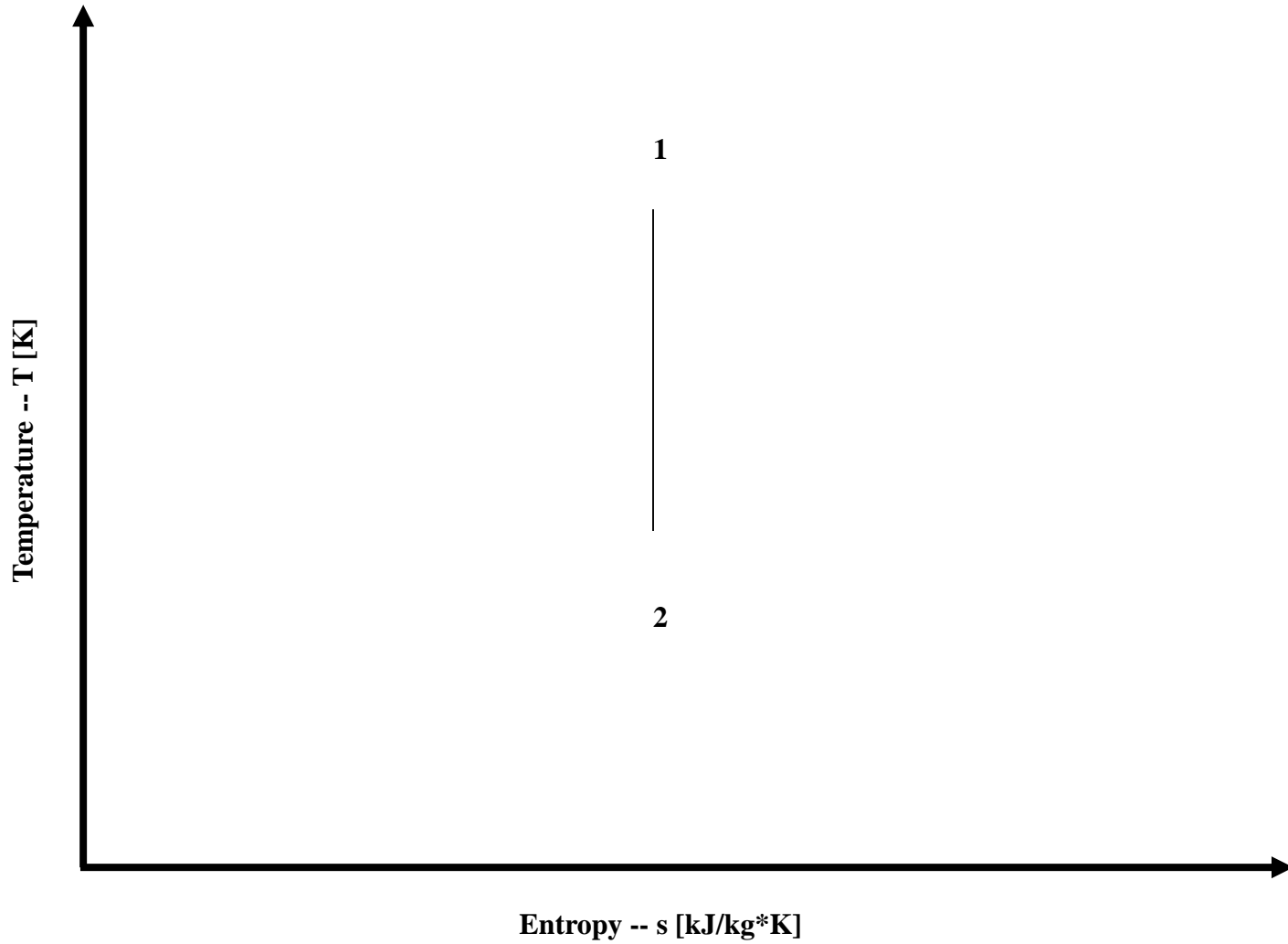
<http://www.engineering-4e.com>

Thrust

Here are some of the basic subsonic isentropic thrust plots.

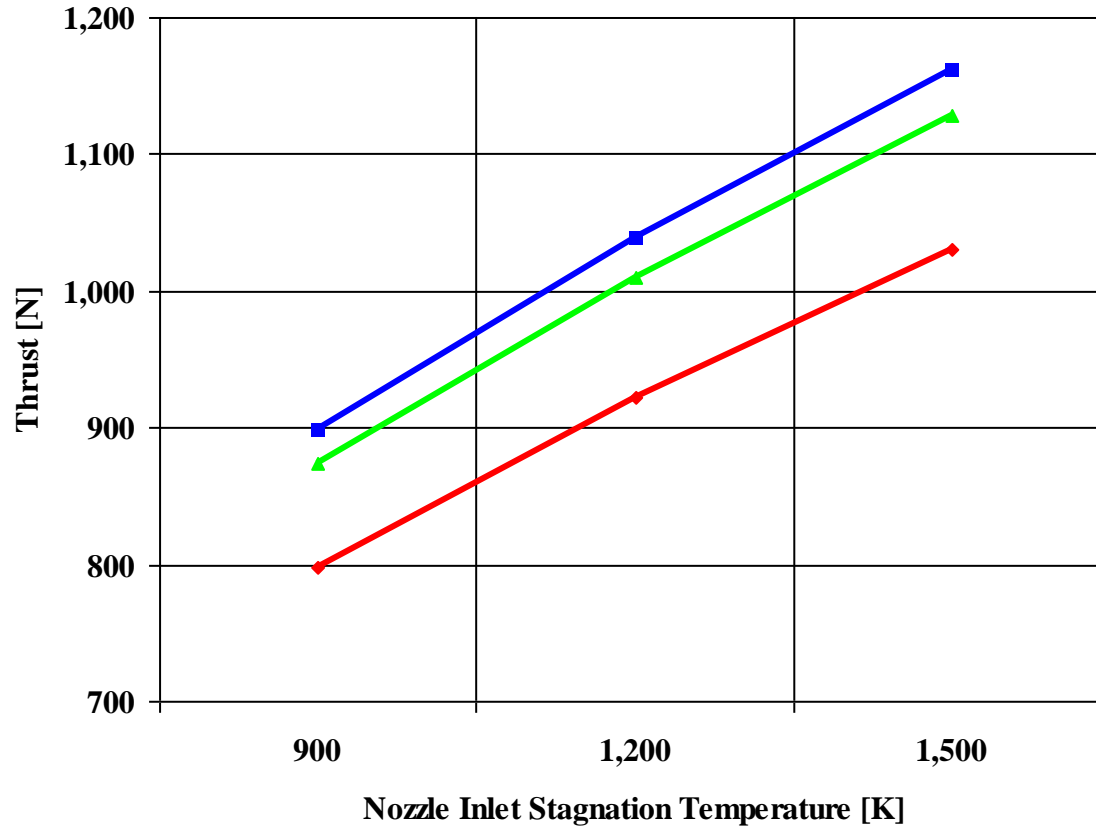


Thrust Schematic Layout



Thrust T - s Diagram

Thrust



—◆— 5 —▲— 10 —■— 15

Nozzle Inlet Stagnation Pressure [atm]

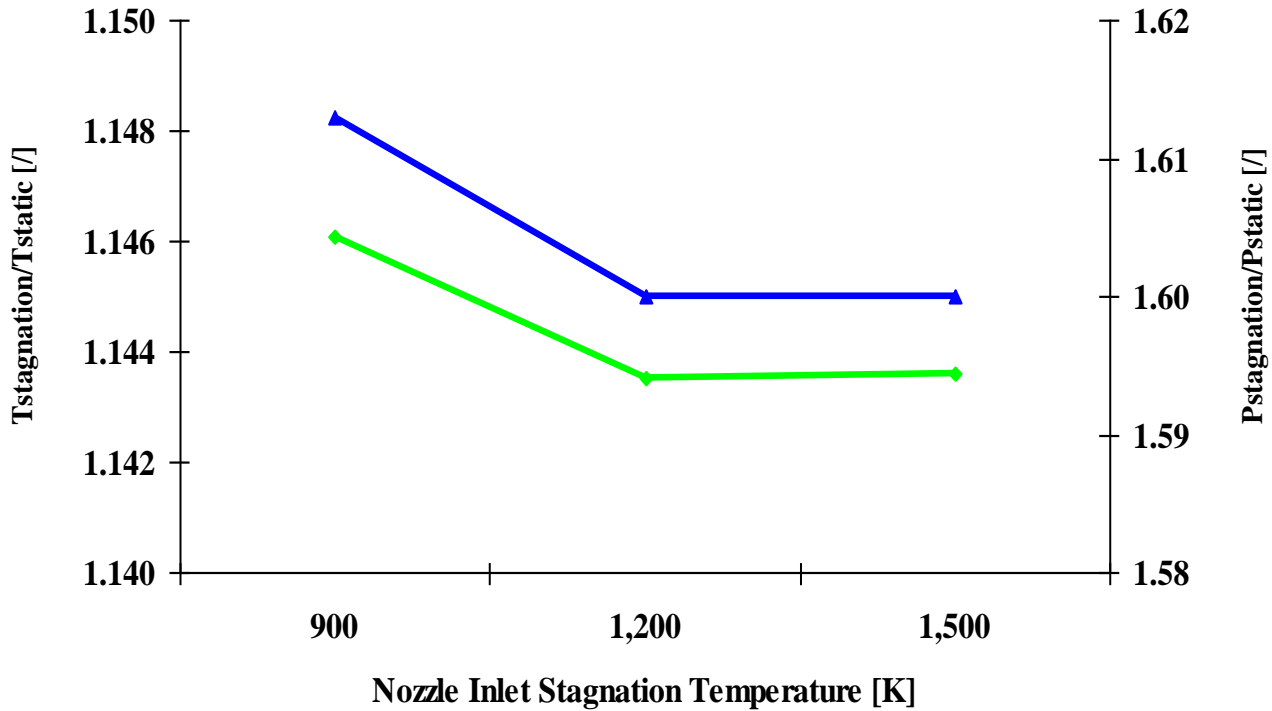
Working Fluid: Air

Working Fluid Mass Flow Rate: 1 [kg/s]

Nozzle Outlet Static Conditions -- Mach Number: 0.85 [/]

Ambient Conditions -- Pressure: 1 [atm]

Nozzle -- Thrust Performance



◆ $T_{stagnation}/T_{static}$ [/] ▲ $P_{stagnation}/P_{static}$ [/]

Working Fluid: Air

Nozzle Inlet Stagnation Conditions: Pressure 10 [atm]

Nozzle Outlet Static Conditions -- Mach Number: 0.85 [/]

Ambient Conditions -- Pressure: 1 [atm]

Request for Free Information

To get a free evaluation copy of the **Engineering Software** product line, place an order, find out more about how you can profit or benefit from the product line, visit the **Engineering Software** web site at: <http://www.engineering-4e.com> or send an e-mail to info@engineering-4e.com or call **(301) 919-9670**.