

Chapter 6 Question #18

For an adiabatic steady flow process with no external (i.e. shaft) work, which of the following is true?

- 1) The stagnation enthalpy is constant
- 2) The enthalpy is constant
- 3) The internal energy is constant
- 4) The temperature is constant
- 5) The stagnation pressure is constant
- 6) None of the above

Chapter 6 Question 18 Answer:

(1) the stagnation enthalpy is constant