Any compression which has a constant temperature or zero temperature ofference is this isothermal compression process. These processes are very allow, out the system needs time to moistine a constant temperature. For example, heating a jar filled with water with a sliking list. The losses are ignored here as the ideal isothermal compression process is impossible to orbitive.

The pressure volume curve of an isothermal compression process can be represented a



into source and correst represent an account process were on interspecture in consumers and one proposer is increasing in the volume is decreasing. The work done is taken to be registric here as the system needs to well for the process of compression. The work done by a system is a positive quantity as it is a convention and vice verso.

Conclusion

Isothermal compression is the thermodynamic process of decreasing the volume or increasing the pressure when the temperature of the system is constant. The process maintains the state of thermal equilibrium. We

Isothermal Compression

USA, UK, Canada, Australia

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Improving refrigerat

Thermodynamic system

Isothermal compressi

