COMPRESSORS Usage: jon pumping compressible fluids eq. cuin, gases, steam.

cohen pressure rosise is above 0.35 bar it is compressor

else it is blower. tre displacement type. < Lykes: Dynamic = Centrifugal Axial. Compresson: - At include pistona type compressor. At can be single acting or double acting one on It may have more them one piston arranged in murious configurations like verticel, horrisontal stepped -> At works on a strokes: Comp expension and Compression. Experience is what you get when you don't get what you want. - Don Stanford

JULY Saturday

15:00

16:00

17:00

18:00

08:00	Stroke 1 (D-B): The piston coithanders carrols in pressure clewrence volon to expend. This causes alrop the inlet and so after a definite pressure drop the inlet valve open the air is sucked into the cylinder
	in a research combressime
10:00	Stroke 2 (B-D): The piston moves in except compressing
	Shoke 2 (B-D): The piston moves meaches atmospheric the air and as the pressure reaches atmospheric
11:00	
	the pressure reaches the pressure of necever. At
12:00	the pressure fleaches the pressure of this point of raise open and the air morres into
	neceiver. loix
13:00	
Lunch	check valves.

Outlet seal rings. Piston. Connecting no d. Cronk wheel. 0

These are generally oil hebricated. Bit with kight flush point temp is used Ain cooled / wester Cooled.

nigh pressure apre 5000 cfm.

stury Compresson These have notars in place of pistons. The out peet is continious instead of pulsating. There are used for high speed applications with high throughput high pressure of place there low empired cost, small size and require

This includes:

1) Kotary vane Compressor Rotary screen type compresson Rotary turbine labe compresson

These are ain cooled or water cooled. takes place right inside the compressor so the working poorts never expinience extreme Situation,

Des Centrifugal Compresson: -> works on the transfer of energy from rotating impeller to air, which is accompairated by changing momentum of win The geors are separated from compression by shape there are water coered and peckaged. The impellen throws the air with high velocity and pressure to the periphery. The ain then passes through a deffeeser which timeneures it's Pressure head and reduces ity K.E head. The process repeals to gain high pressert.

JULY Axial f Combresson. In this cuin flows pevrallet to the axis of compresson. At contains notating air foils that increases the K.C. energy of and the staton black that head. provides a continuous supply Intake un filder: Inter Stage coolen: Alter cooter: After dreyer: Moisture dreinge traps: Roce inous. - Asolate compresson and close out let of noceiver. -> Emty the neceiver and piping.

-> Stant the compressor and activable the
stop energleth Record the time taken to attent pom initial Provider. Pr 18:00

Friendship makes prosperity more shining and lessens adversity by dividing and sharing it. - Cicero

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