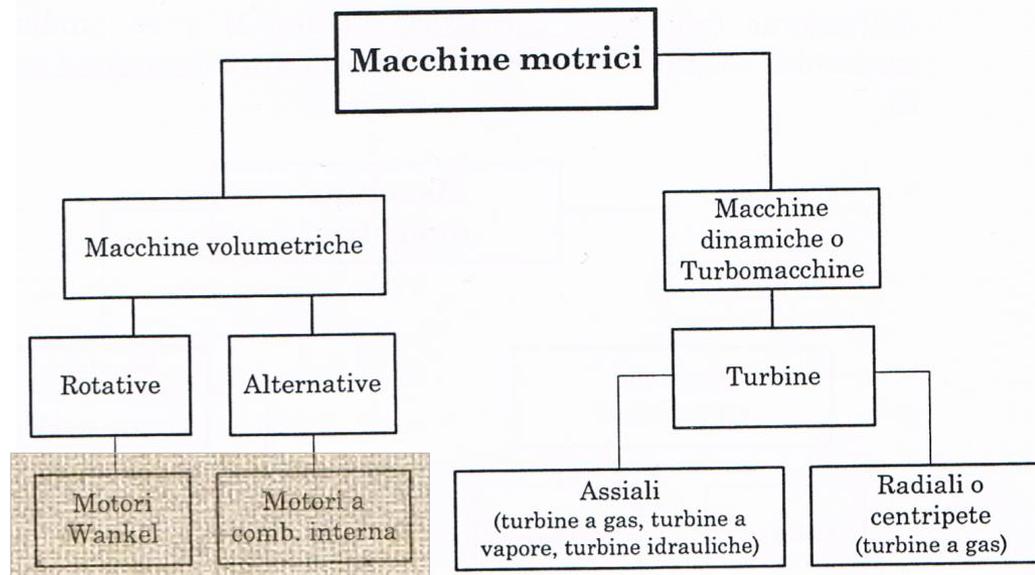
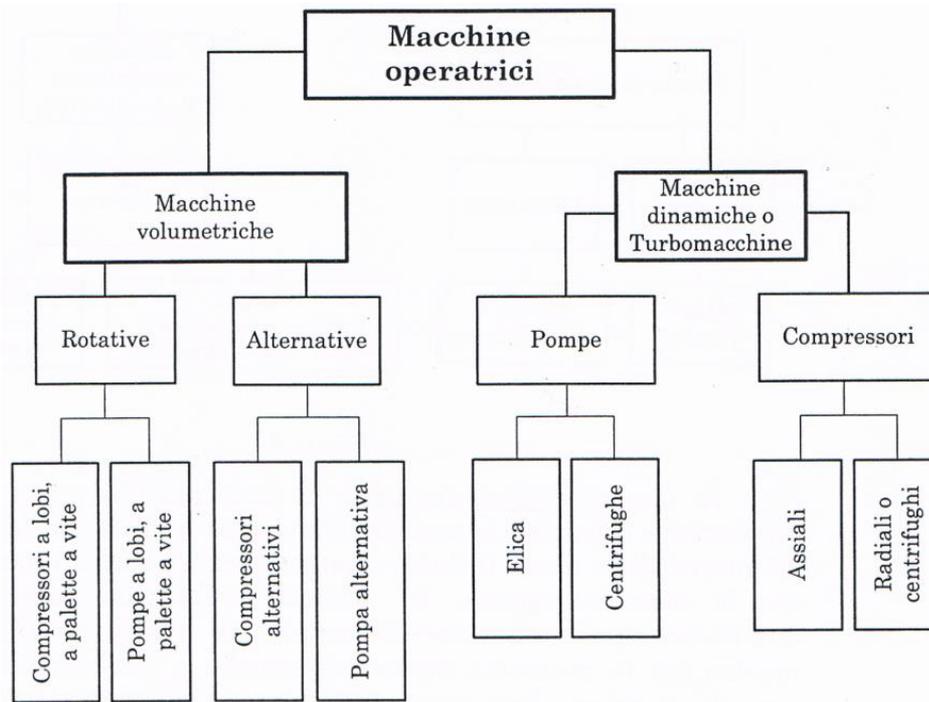
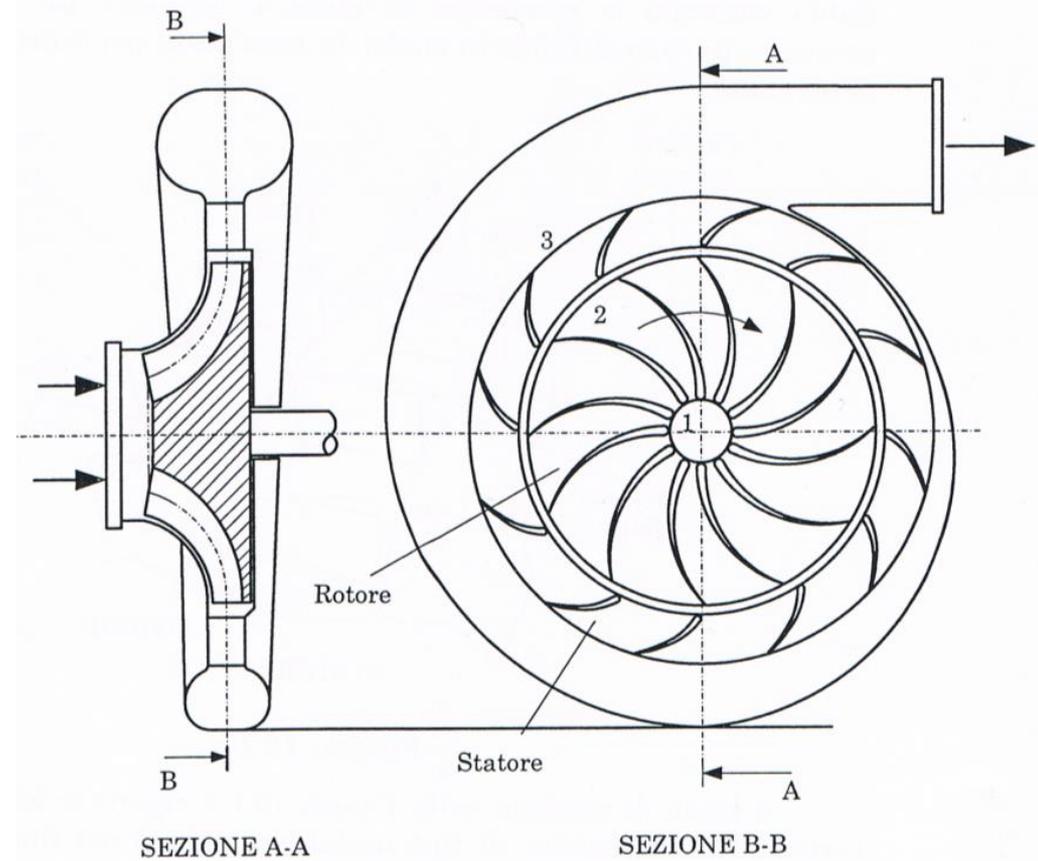
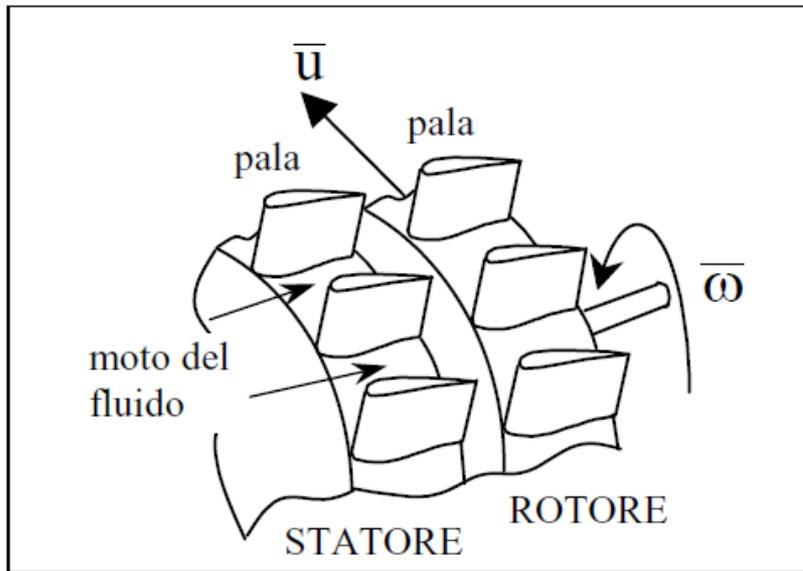
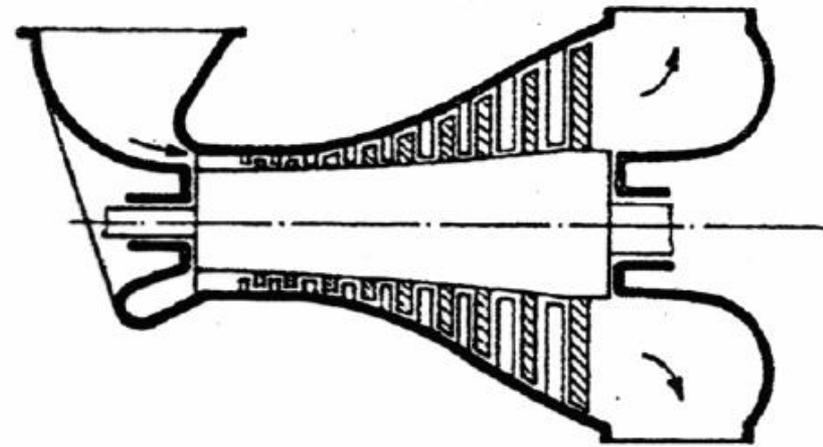
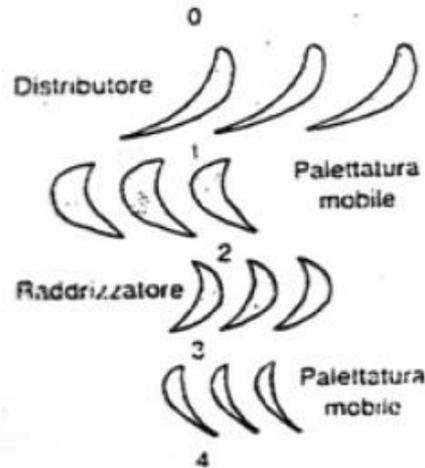
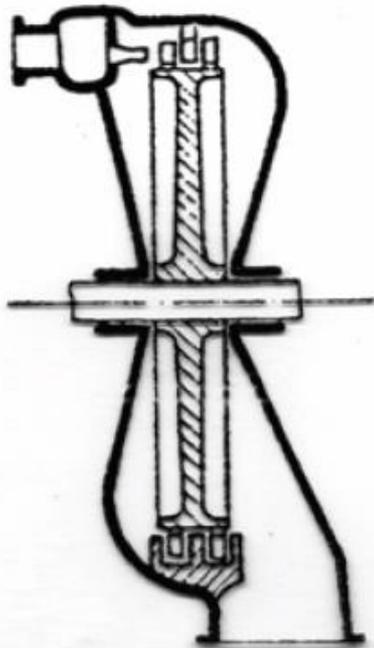


# Macchine a fluido

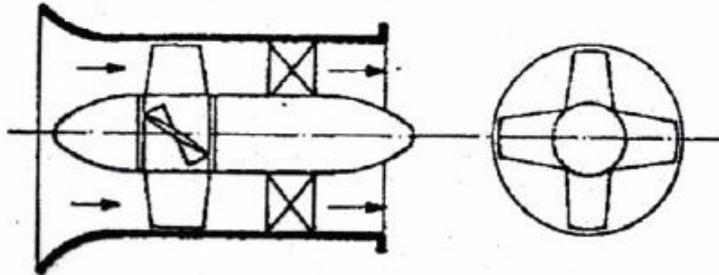


# Turbomacchine

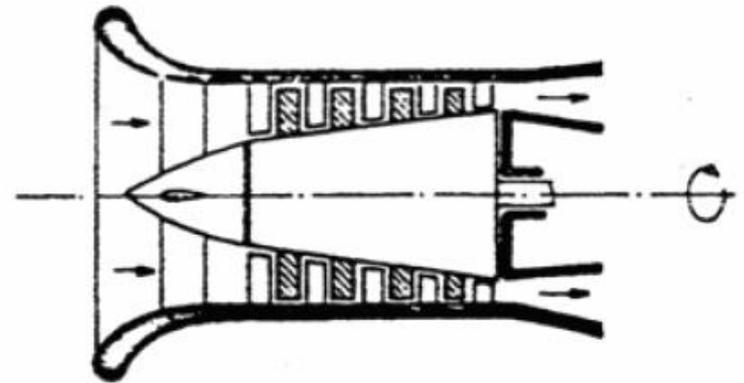




**TURBINA ASSIALE**

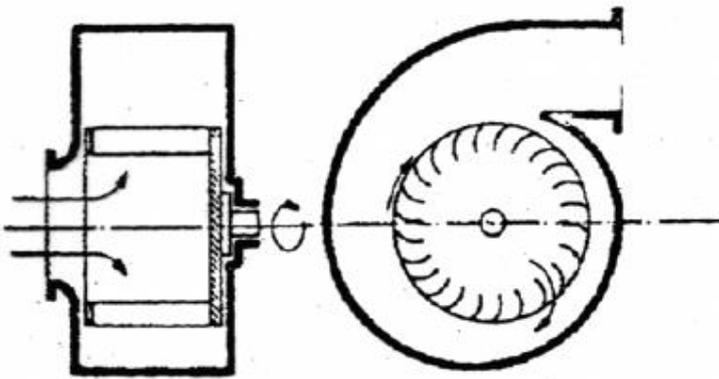


**POMPA O VENTILATORE ASSIALE**

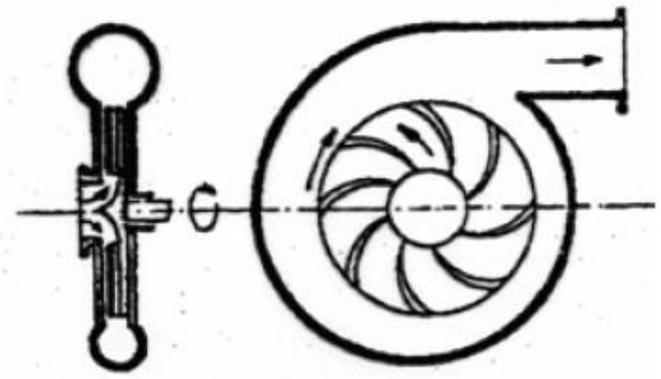


**COMPRESSORE ASSIALE**

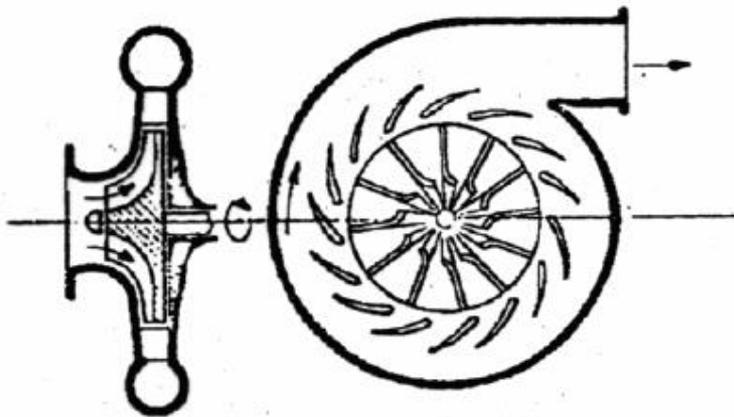
**Turbomacchine assiali**



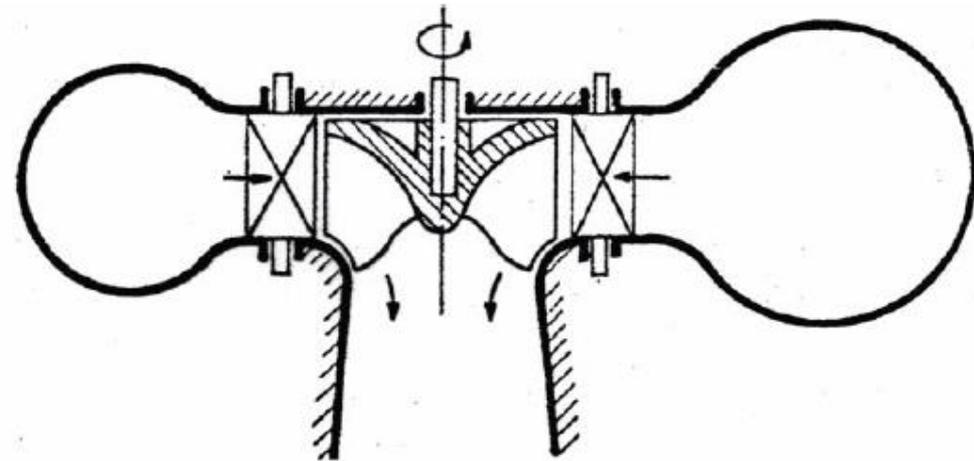
VENTILATORE RADIALE



POMPA CENTRIFUGA

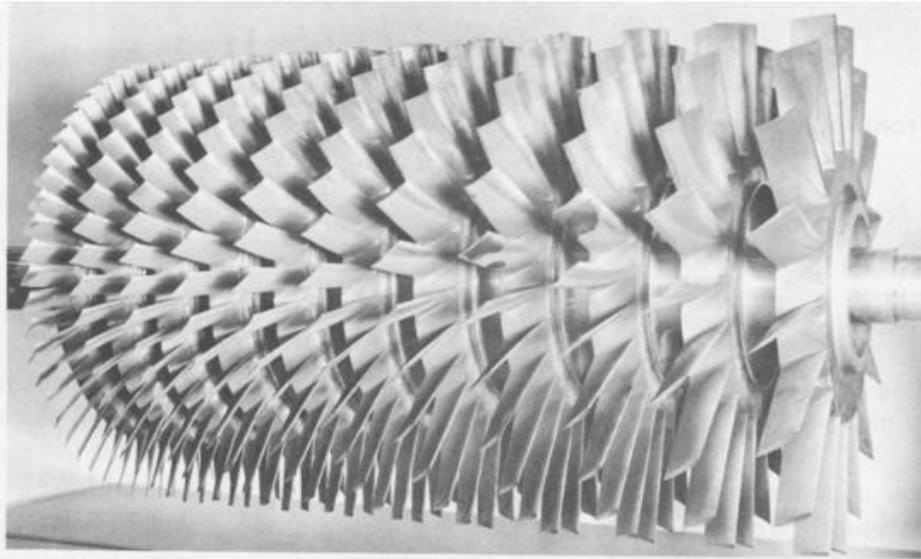


COMPRESSORE CENTRIFUGO



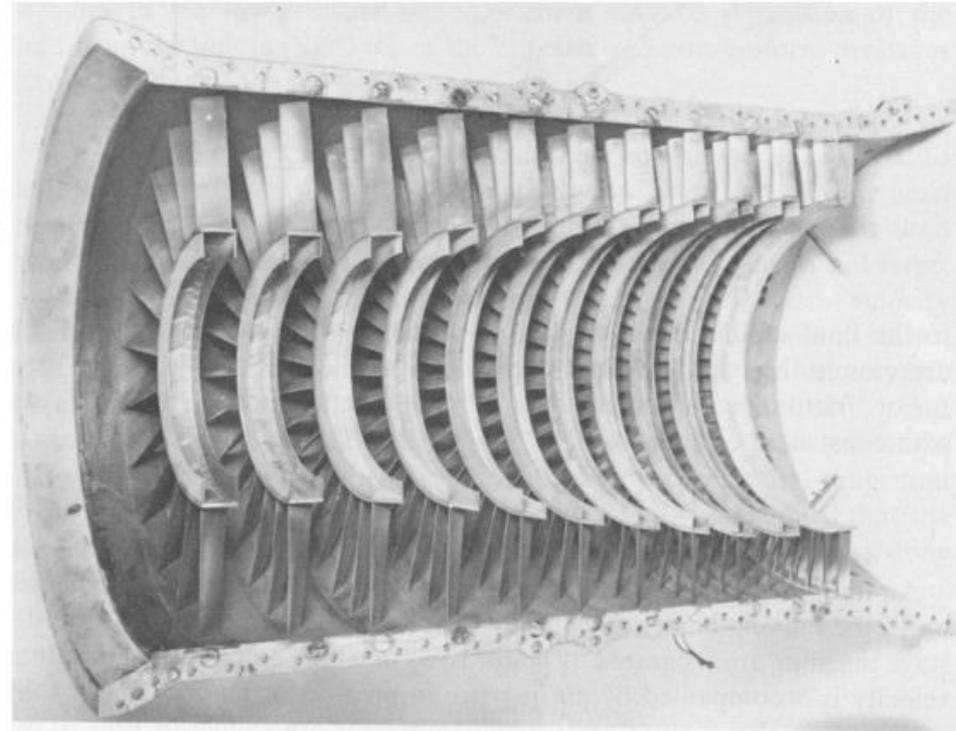
TURBINA FRANCIS

## Turbomacchine radiali

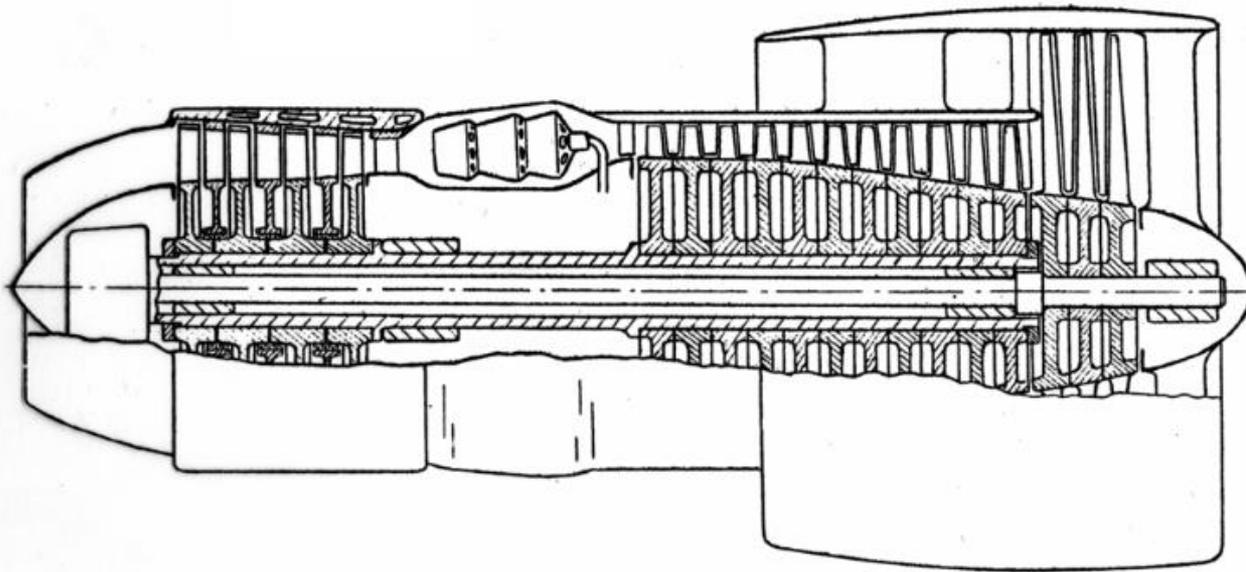
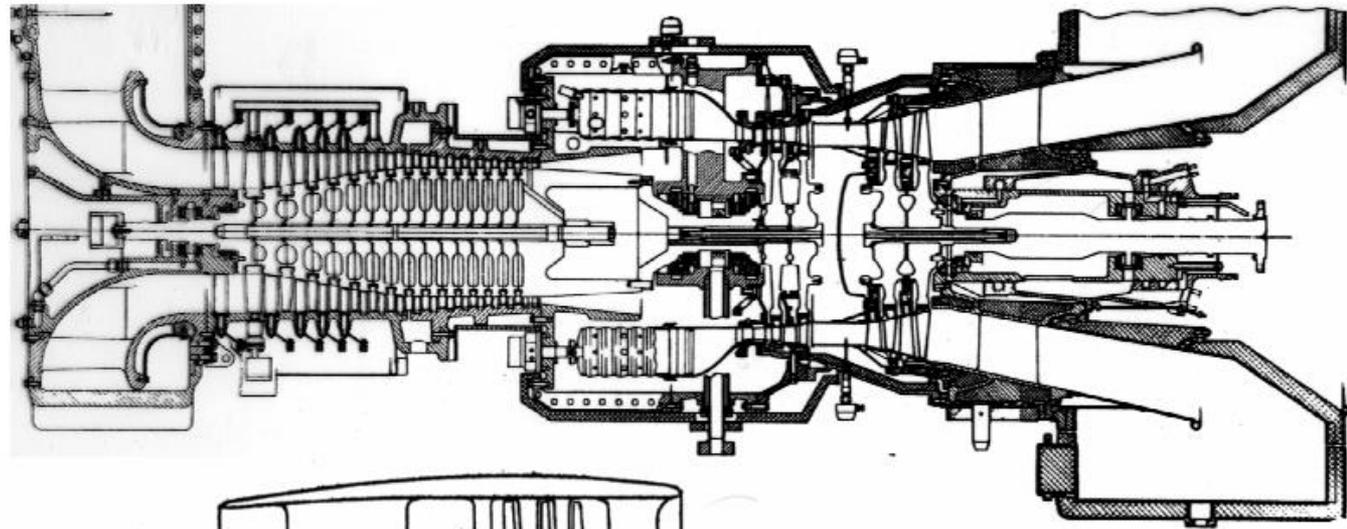


Rotore: molteplicità di ruote palettate,  
calettate sull'albero motore (macchina  
multistadio)

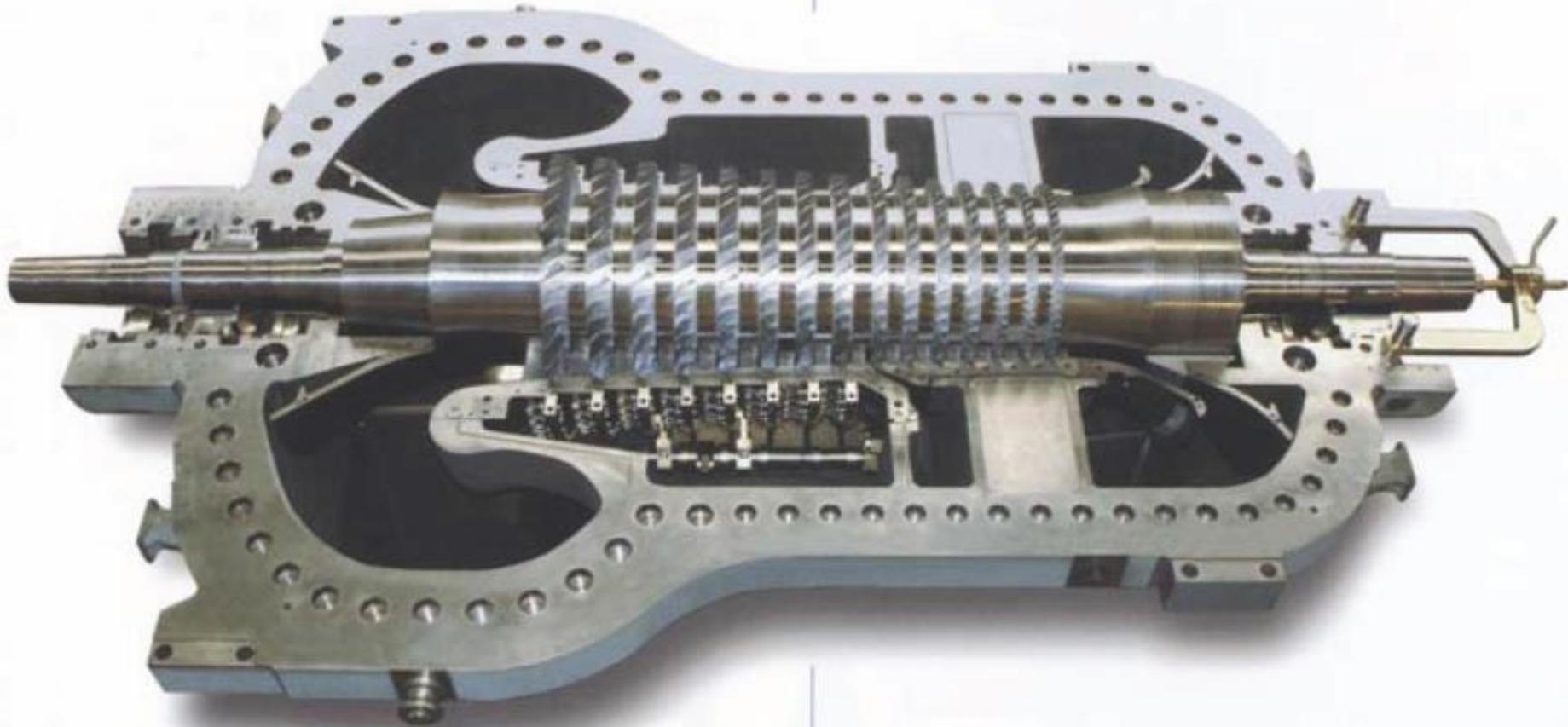
Palettatura storica  
(palette solidali con  
la carcassa esterna)



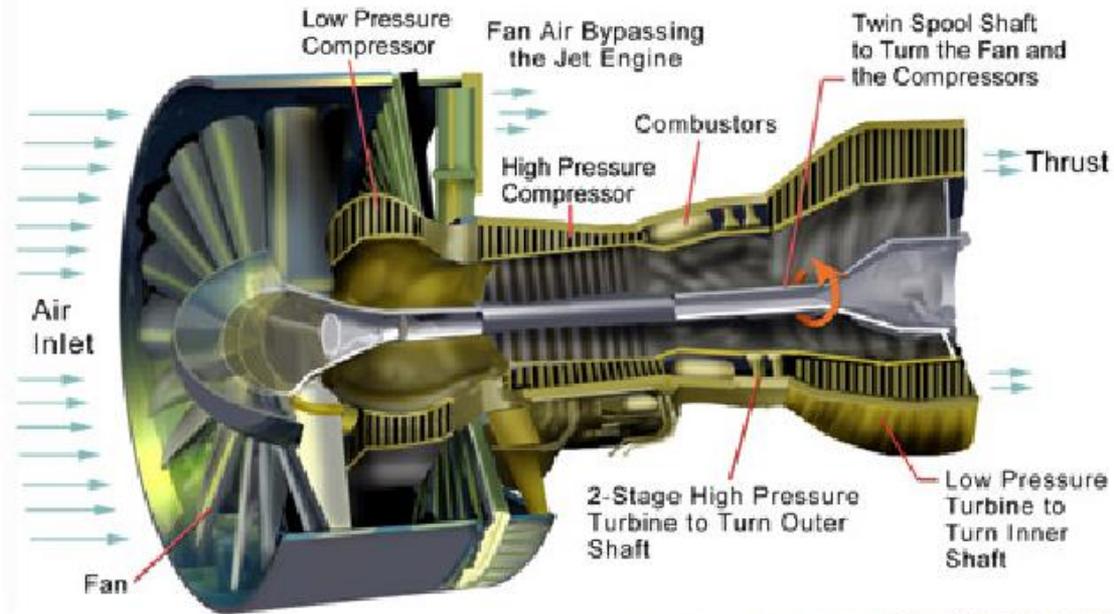
Impiego stazionario



Impiego aeronautico

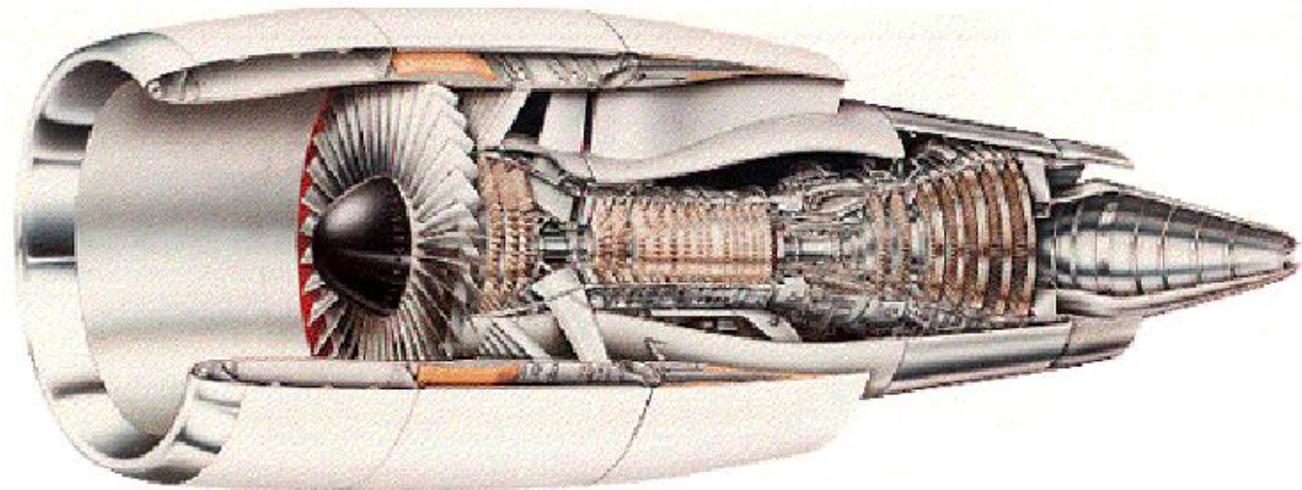


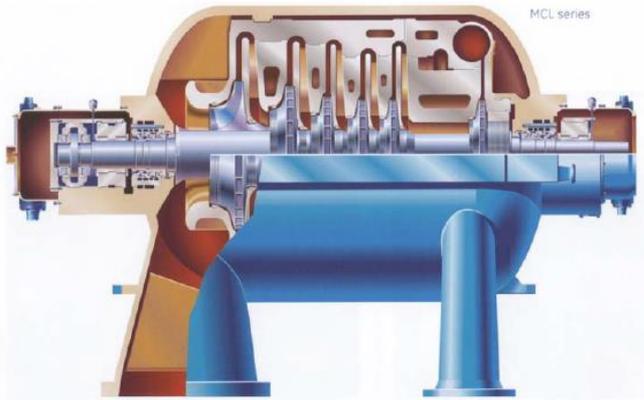
*GE Axial compressor*



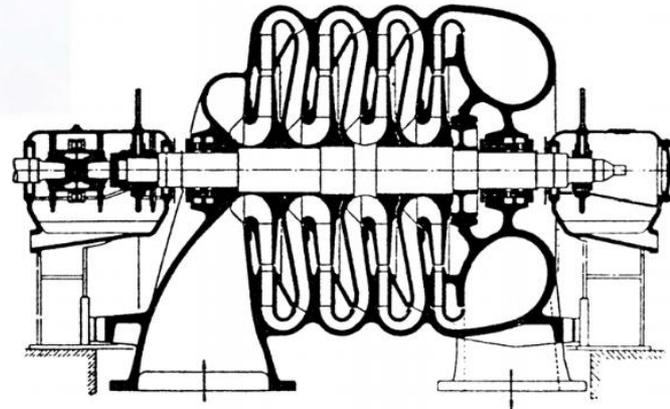
**High by-pass ratio**

**Low by-pass ratio**





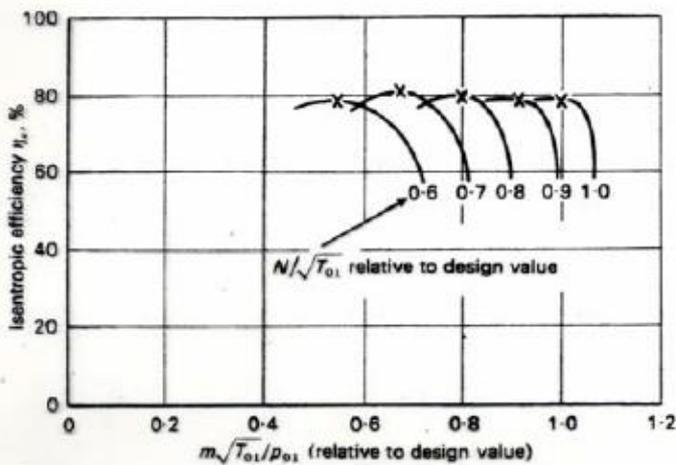
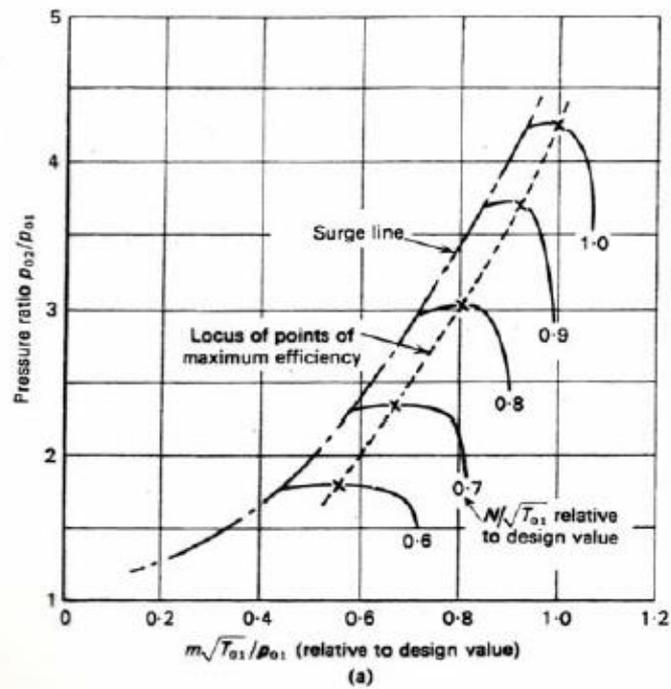
*GE Centrifugal compressor*



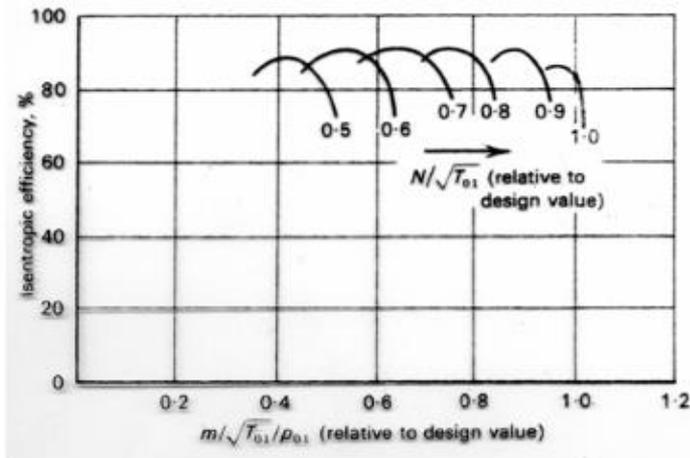
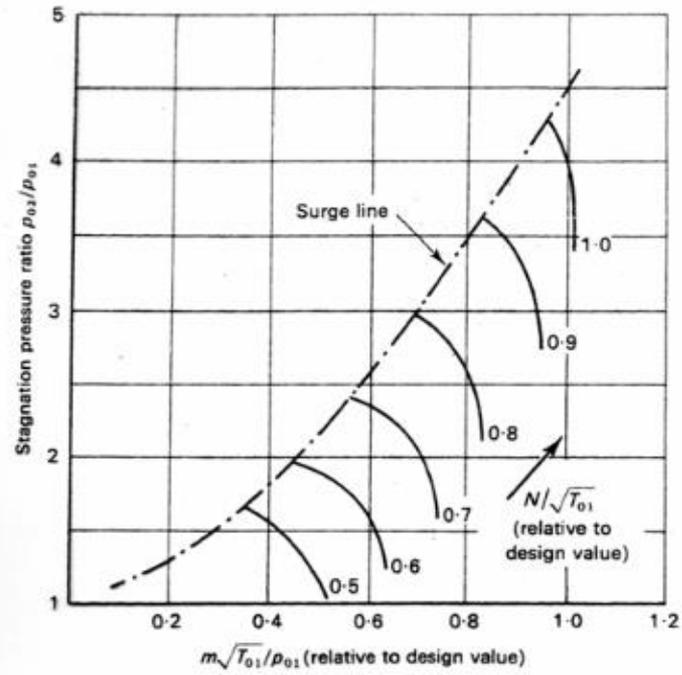
*GE Centrifugal compressor*



*GE Centrifugal compressor*

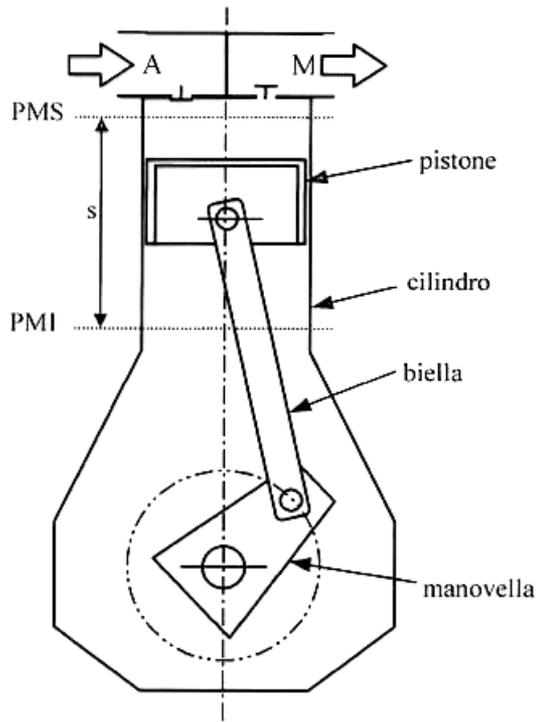


Compressore centrifugo

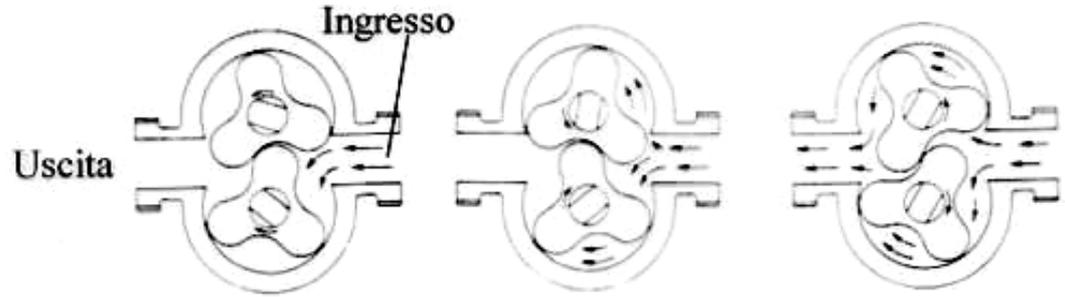
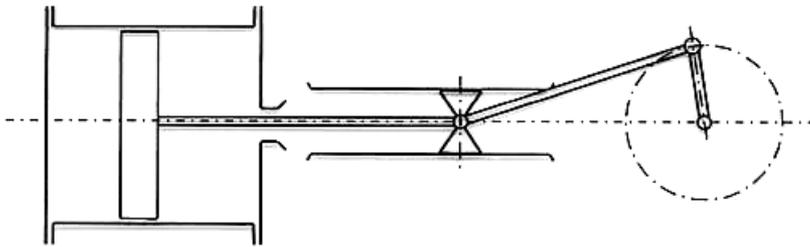


Compressore assiale

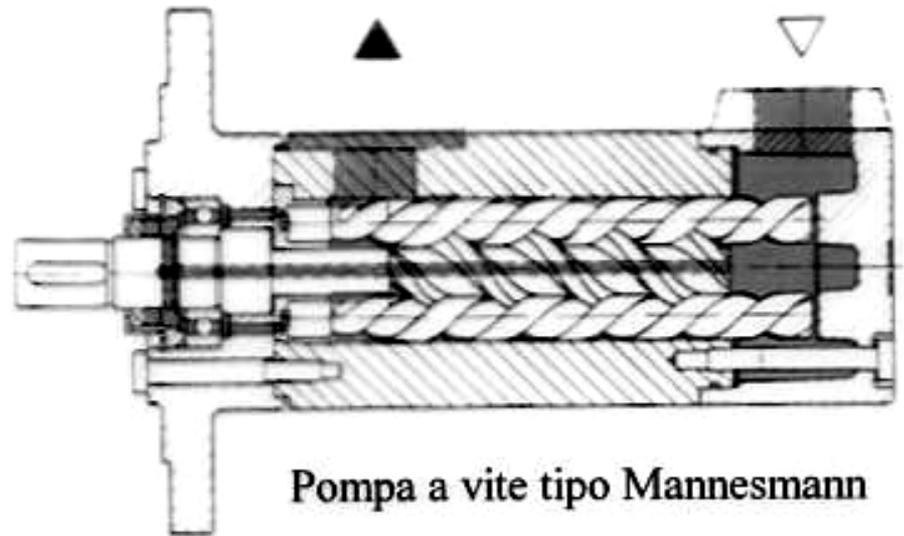
# Macchine volumetriche



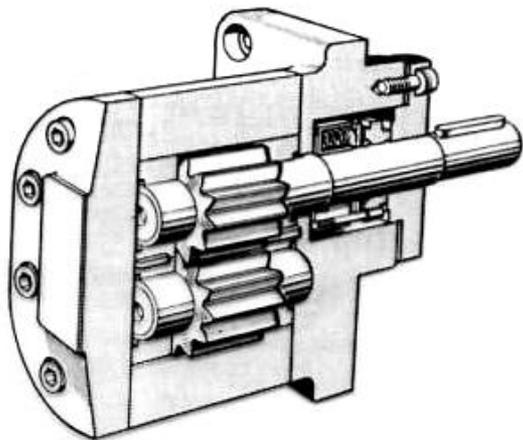
Pompa alternativa



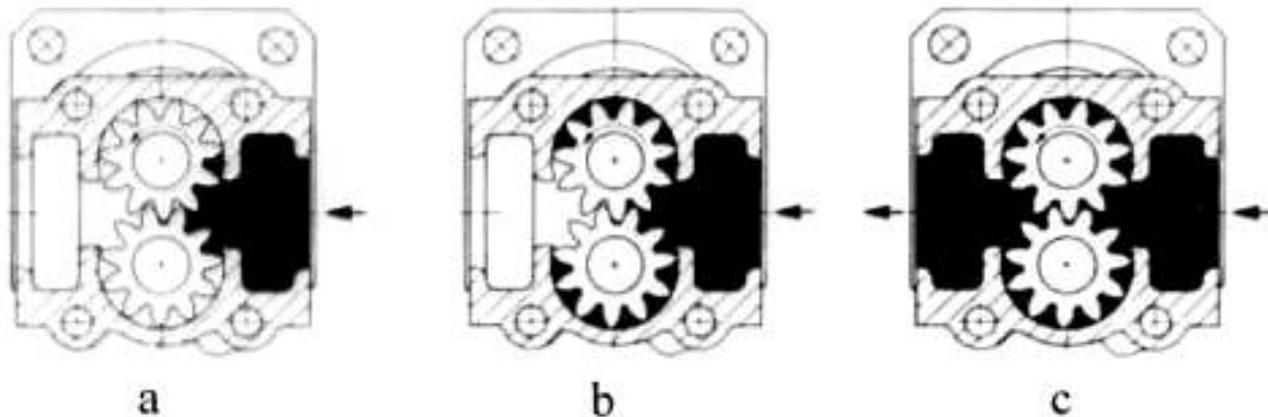
Pompa a lobi



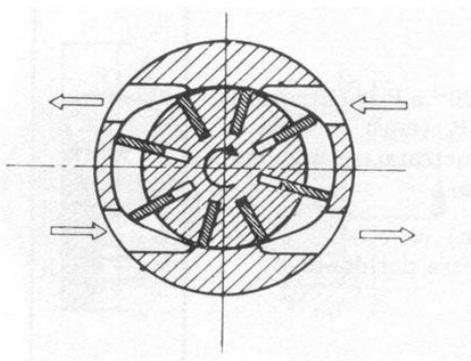
Pompa a vite tipo Mannesmann



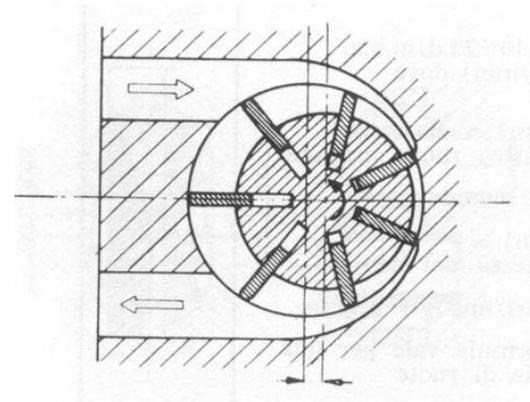
Pompa a ingranaggi

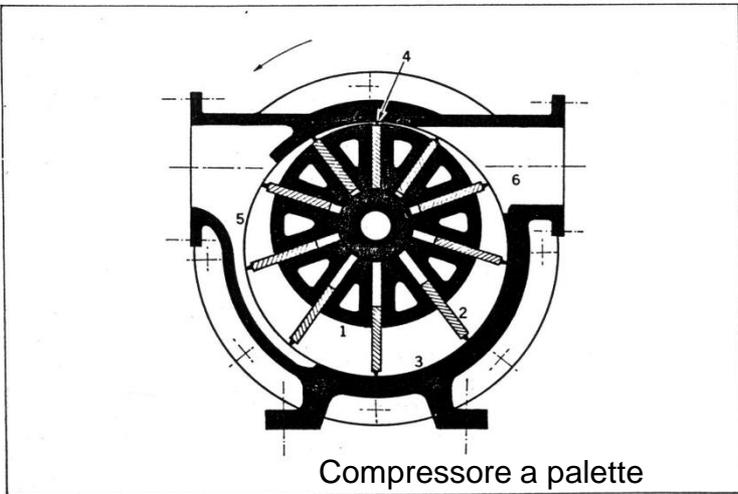


a) Aspirazione; b) Trasferimento; c) Mandata

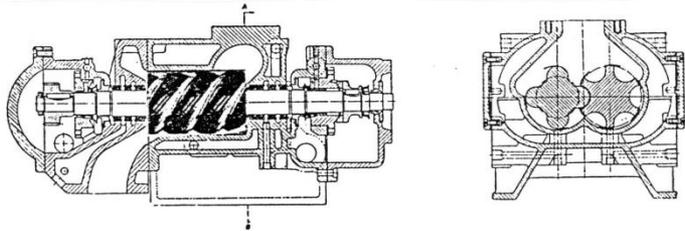
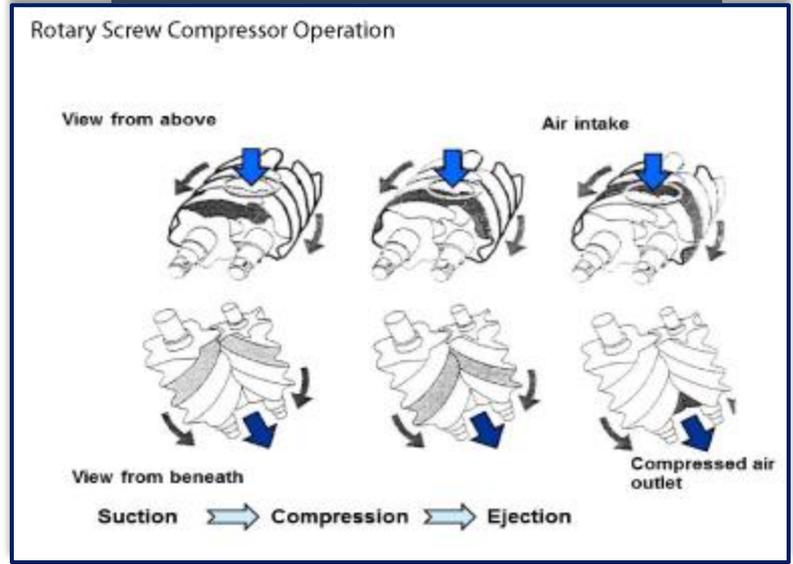
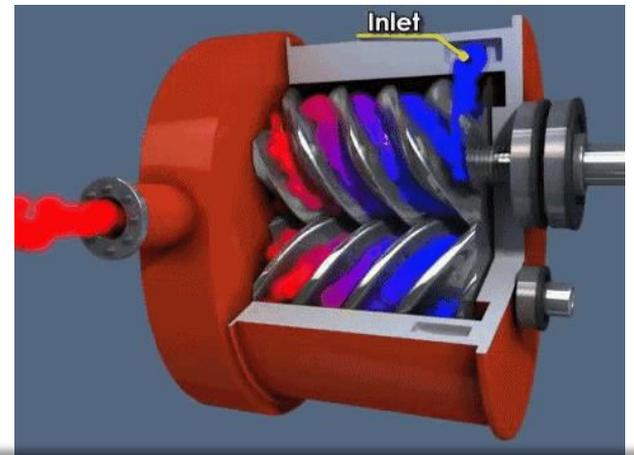


Pompa a palette

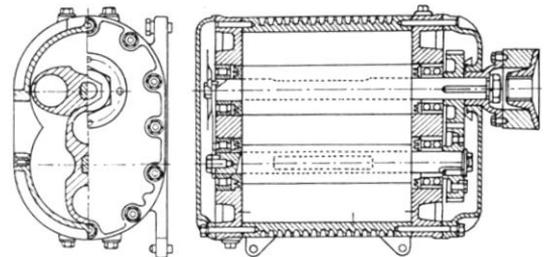
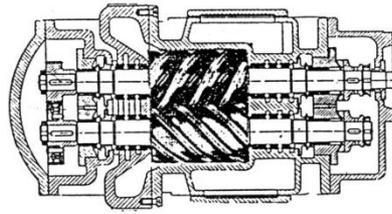




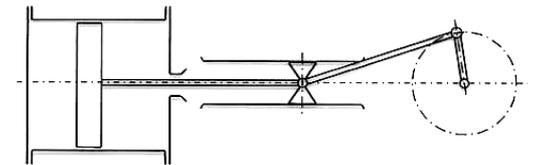
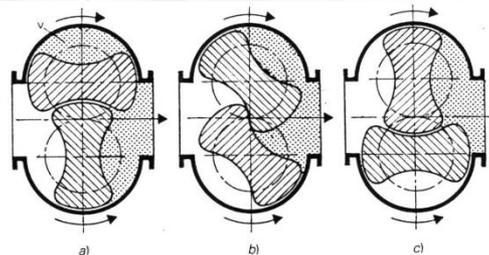
Compressore a palette



Compressore a vite Lysholm



Compressore a lobi ROOTS



Compressore alternativo