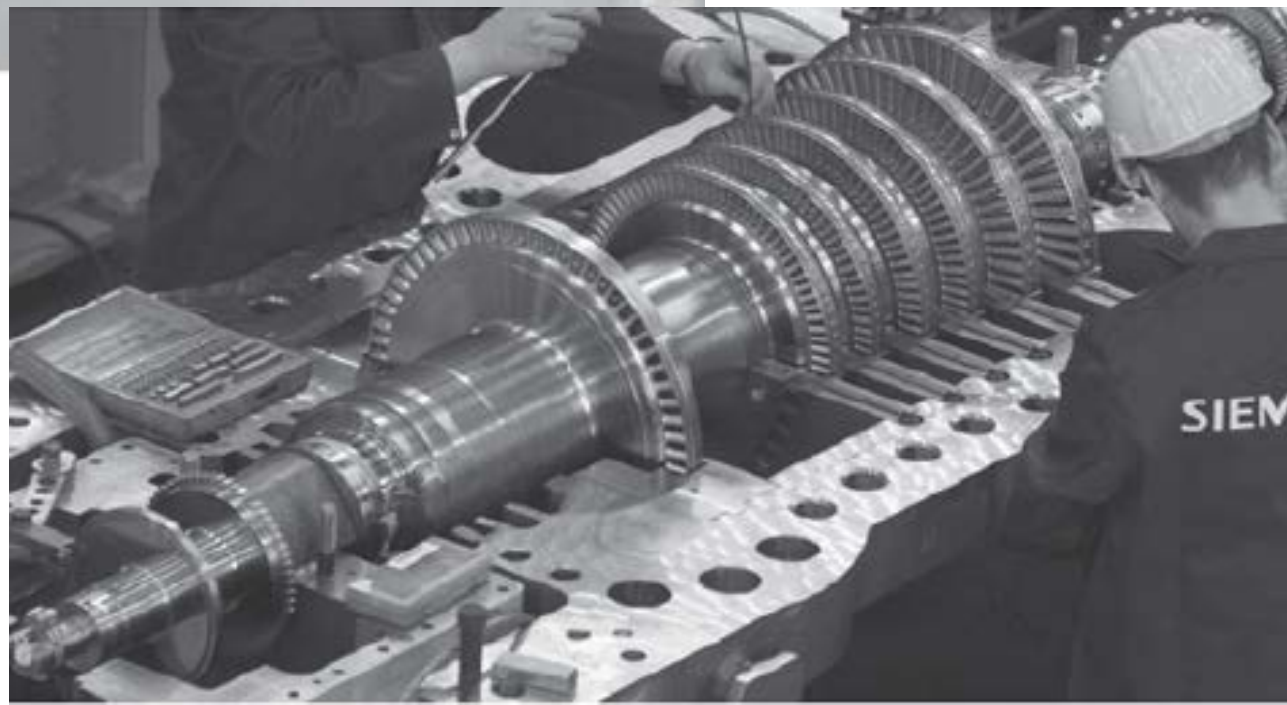
Rotori turbina a vapore





Rotori turbina a vapore

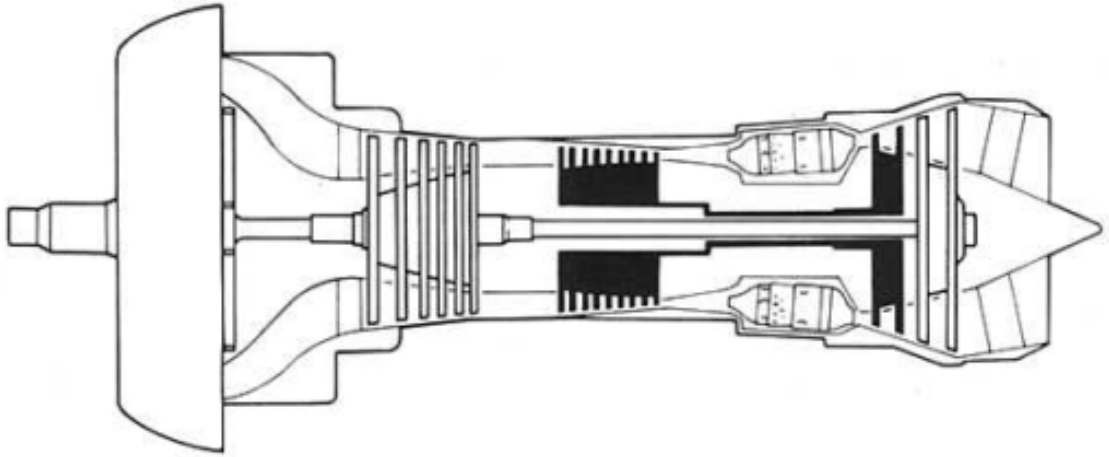




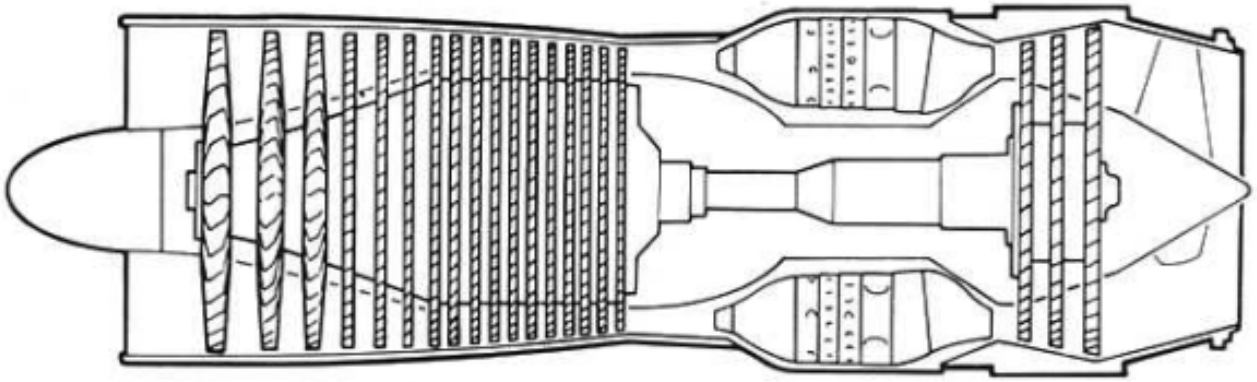
Motore Rolls-Royce della serie Trent



Configurazioni sistemi di propulsione aeronautici



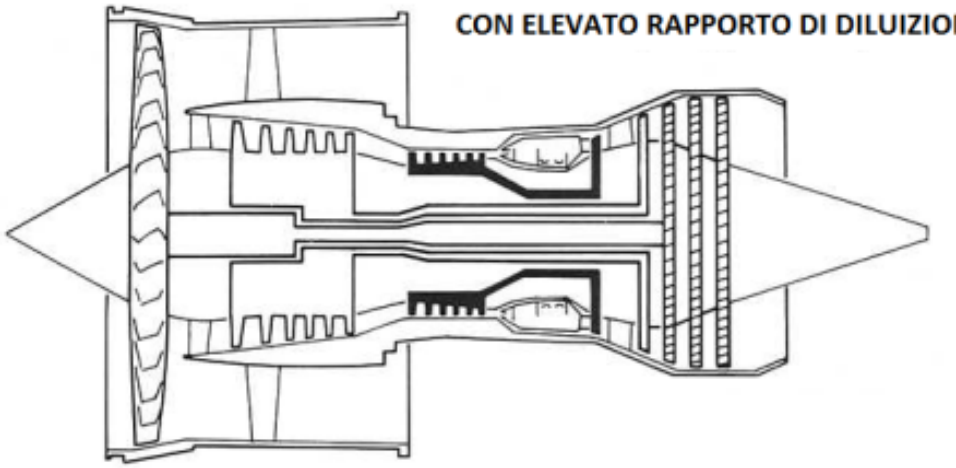
TURBOELICA BIALBERO A FLUSSO ASSIALE

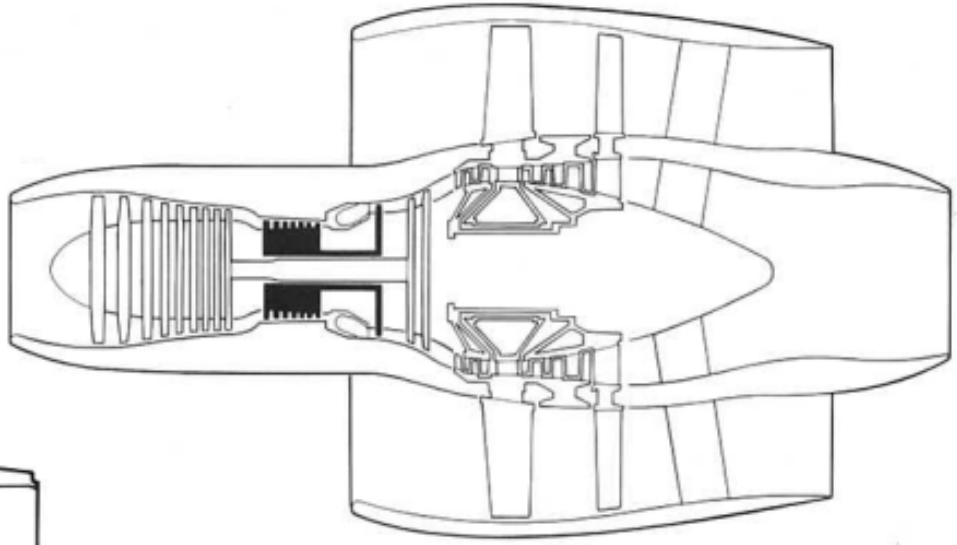


TURBOGETTO AD 1 ASSE CON FLUSSO ASSIALE

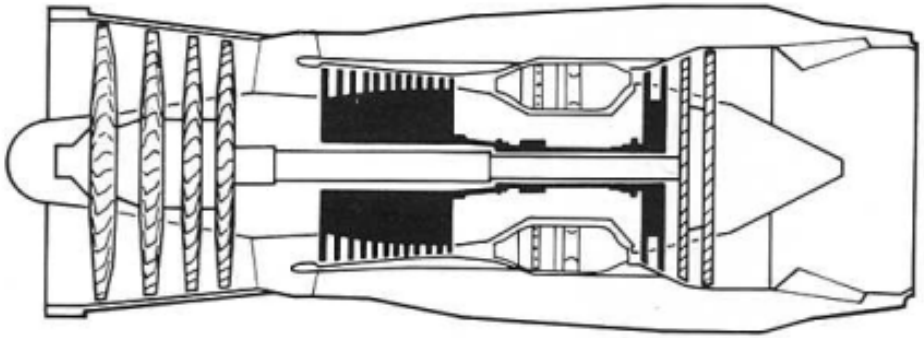
Configurazioni turbogetto

TURBOGETTO A 3 ASSI E FAN FRONTALE
CON ELEVATO RAPPORTO DI DILUIZIONE





TURBOVENTOLA CON FAN CONTROROTANTI
E ALTO RAPPORTO DI DILUIZIONE



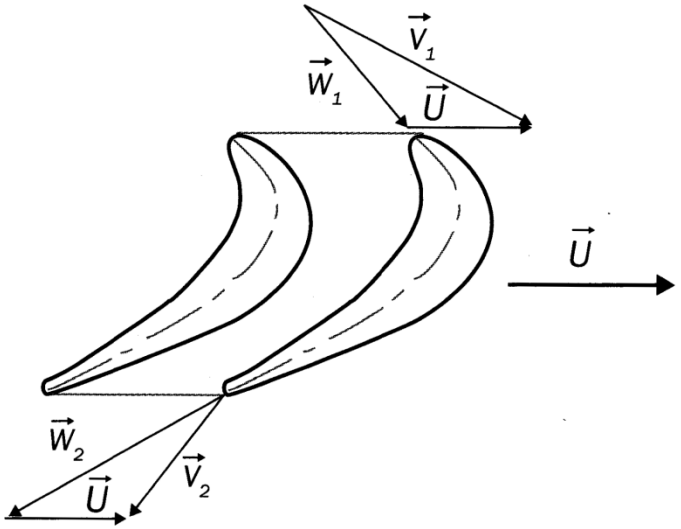
TURBOGETTO BIALBERO CON BASSO RAPPORTO DI DILUIZIONE

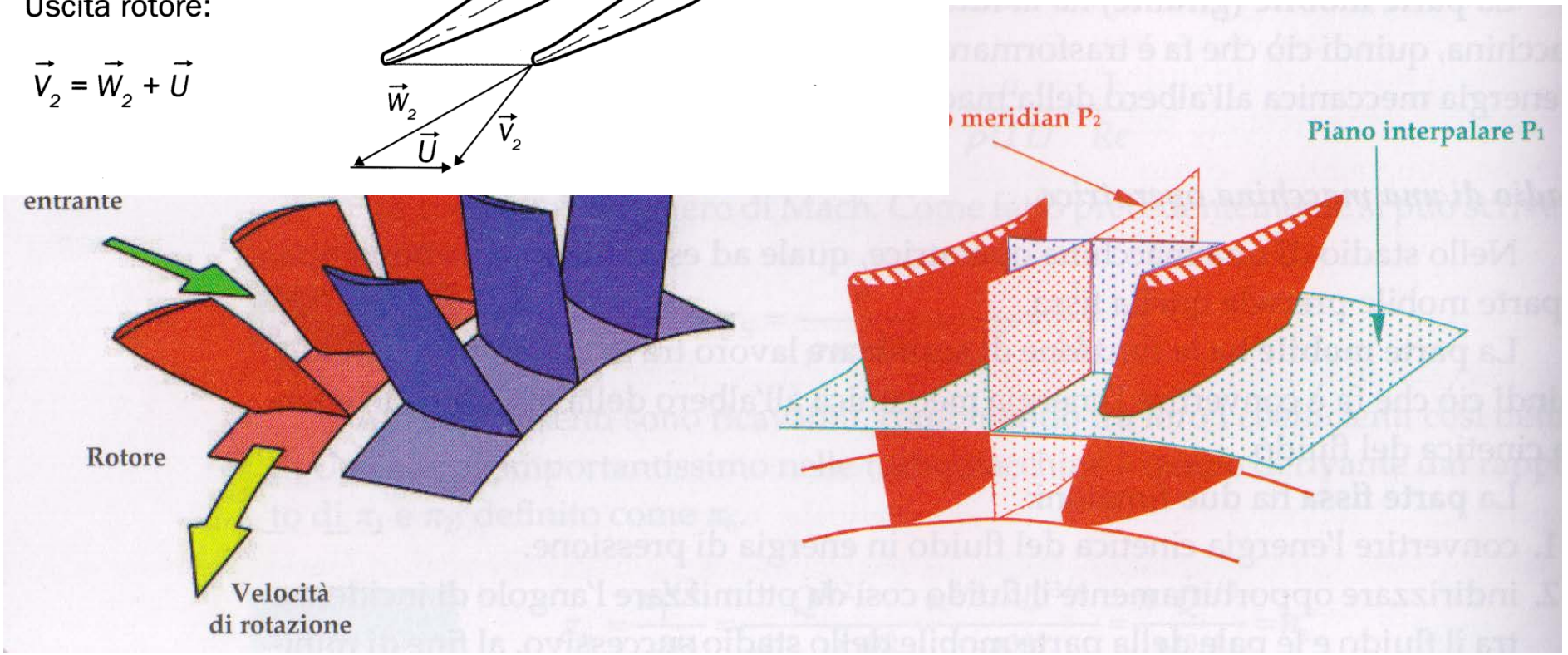
Ingresso rotore:

$\vec{V}_1 = \vec{W}_1 + \vec{U}$

Uscita rotore:

$\vec{V}_2 = \vec{W}_2 + \vec{U}$

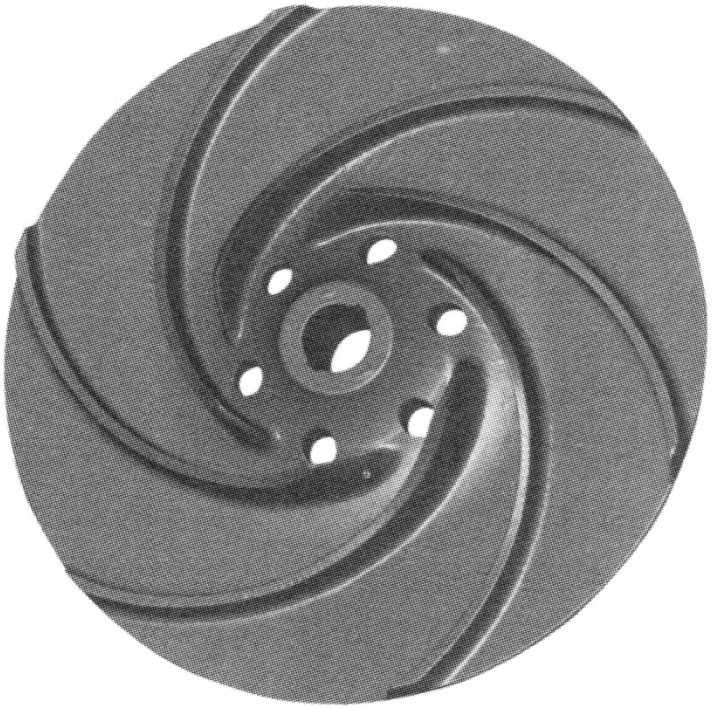




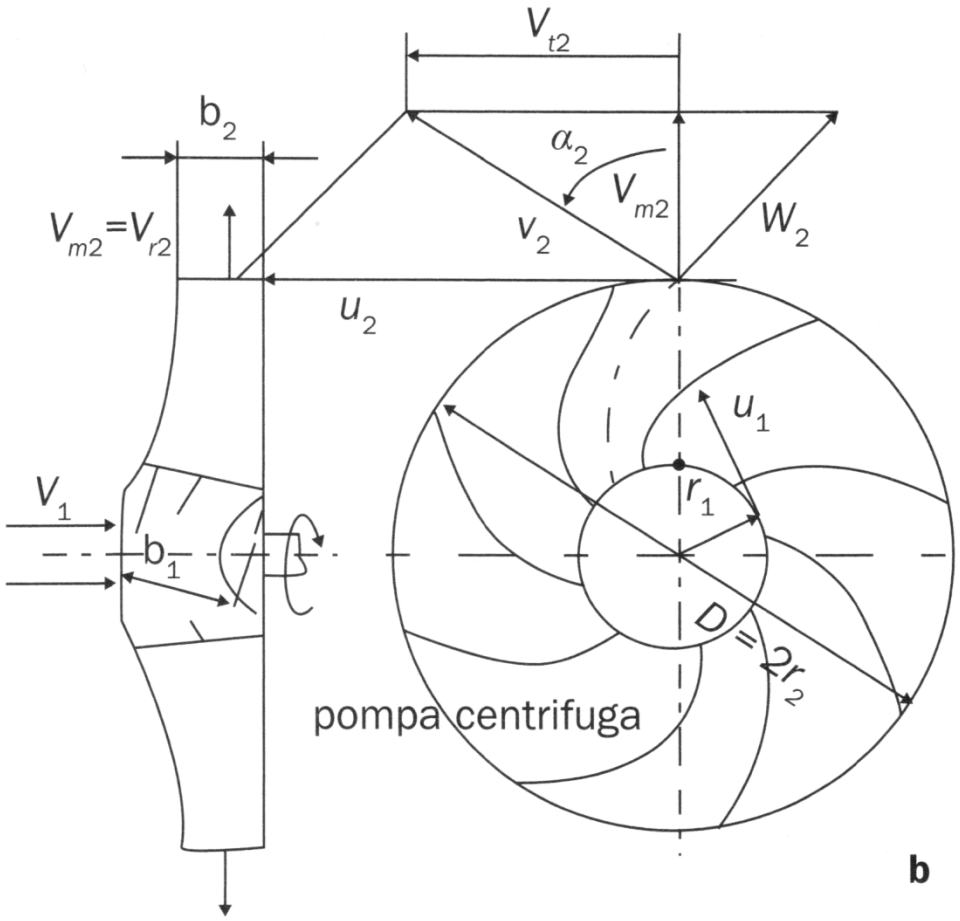
<u>Superficie interpalare</u> o "blade-to-blade" approssimabile con una superficie cilindrica con raggio costante

<u>Superficie meridiana</u> rappresenta una superficie di flusso medio su cui si trovano le linee di corrente del flusso medio

Rotore pompa centrifuga

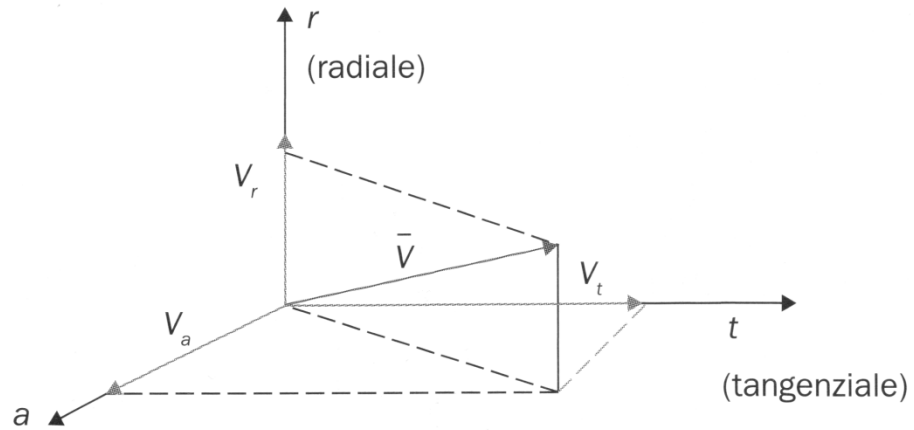


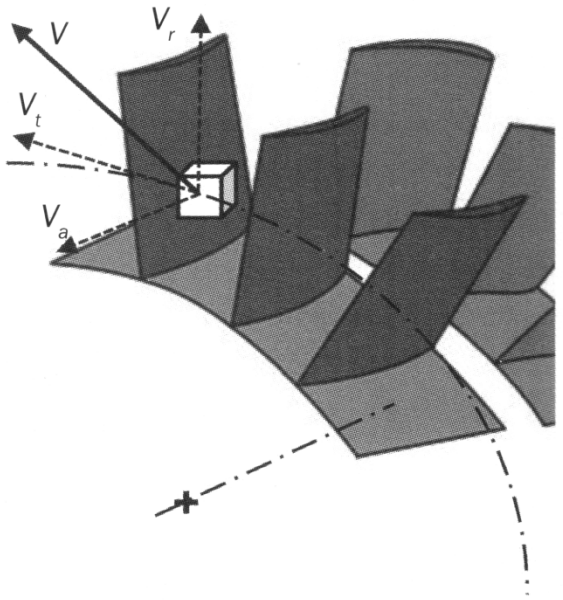
a



b

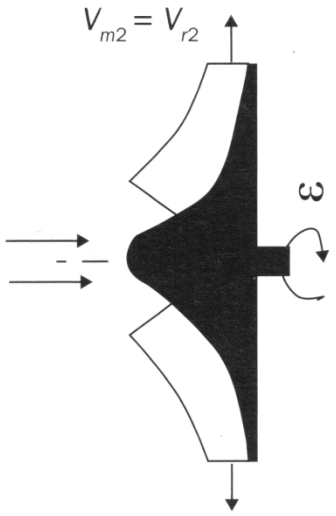
VISTA MERIDIANA **VISTA FRONTALE**



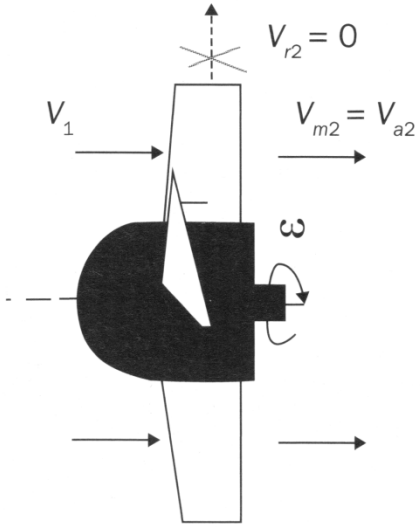


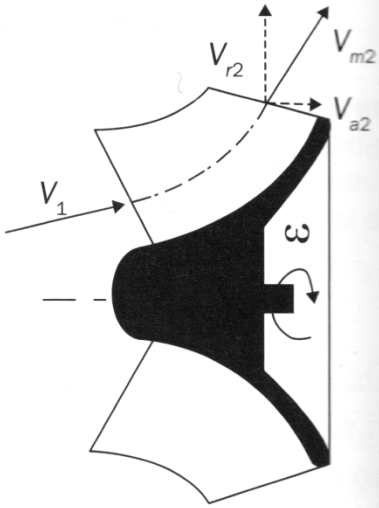
a

PIANO MERIDIANO



b





Macchina radiale **Macchina assiale** **Macchina a flusso misto**