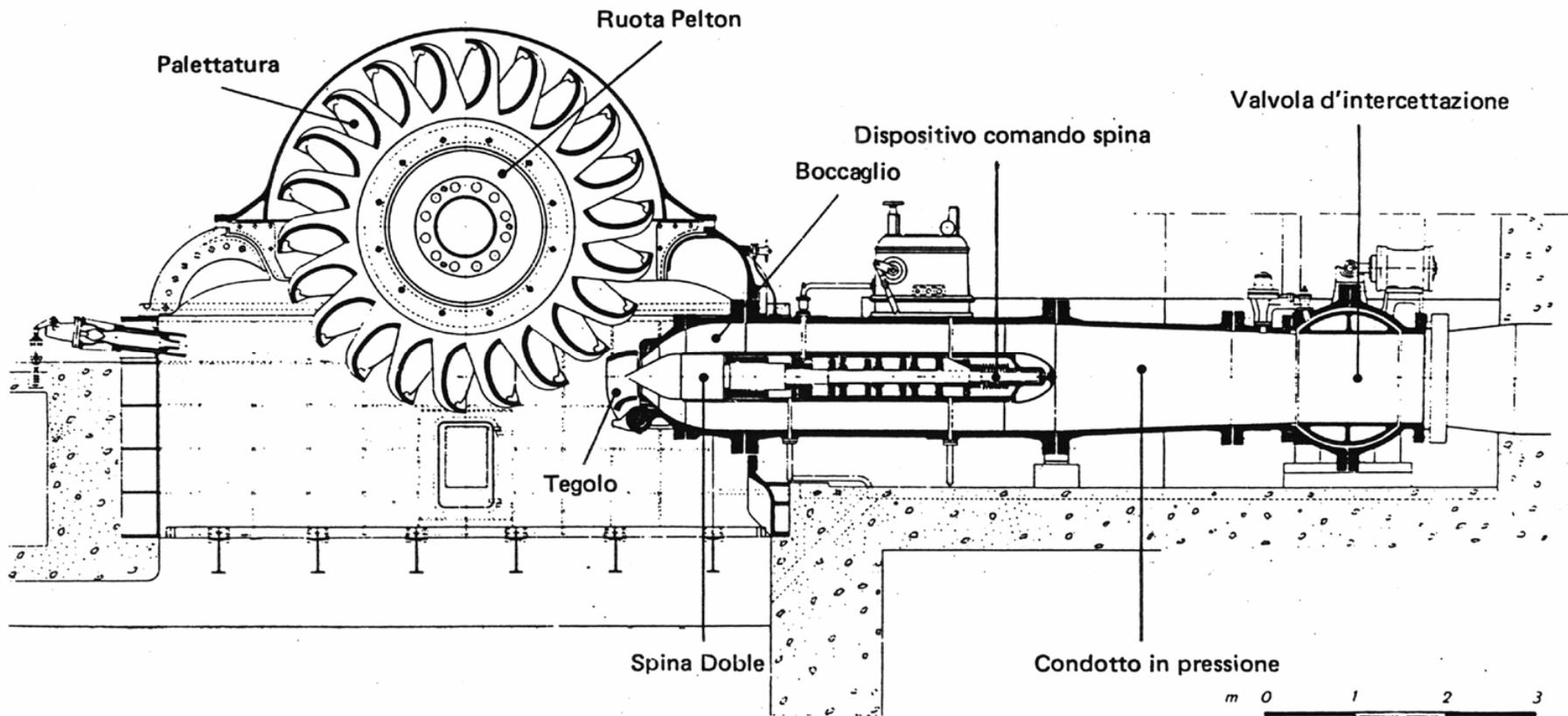
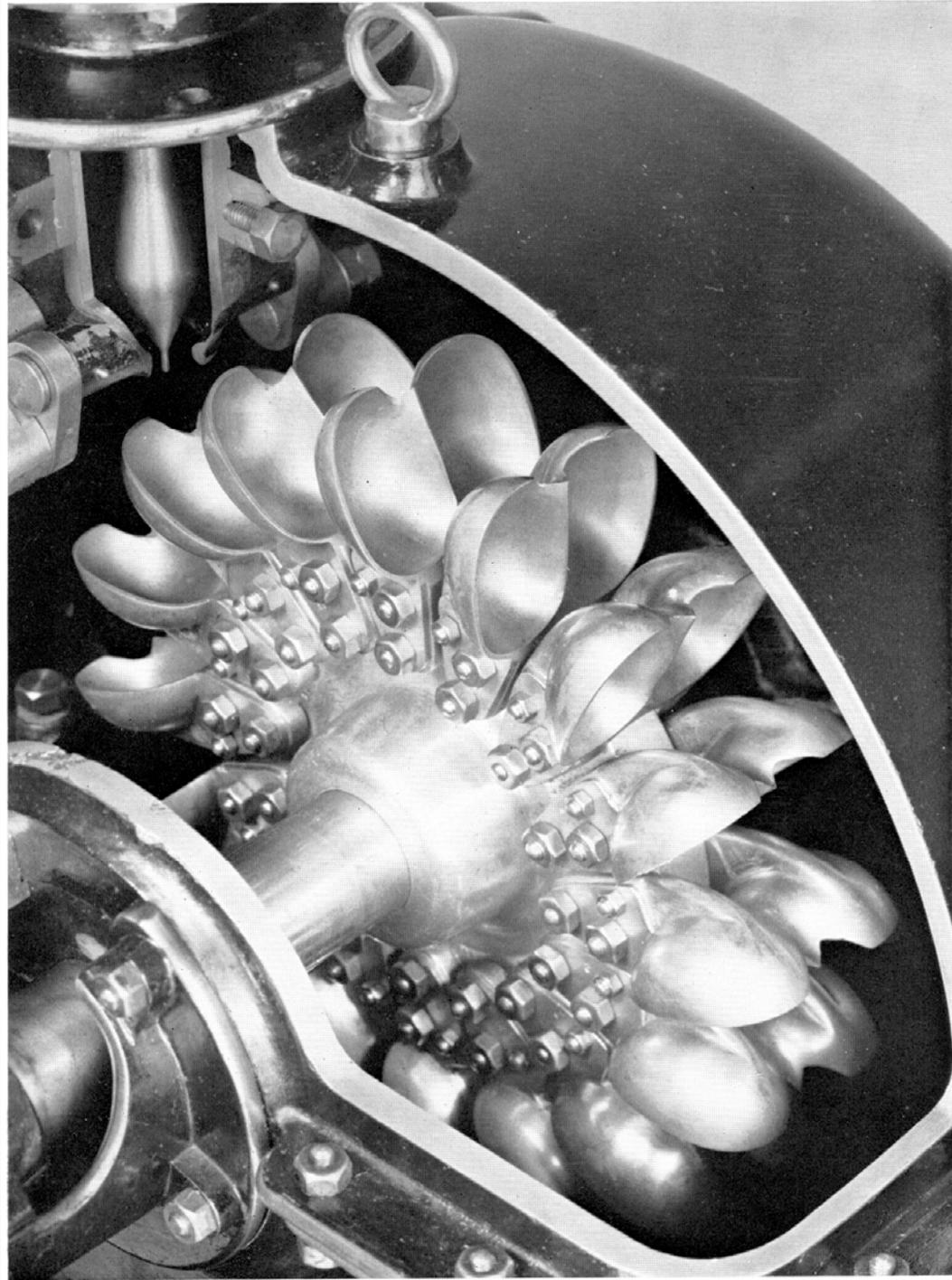


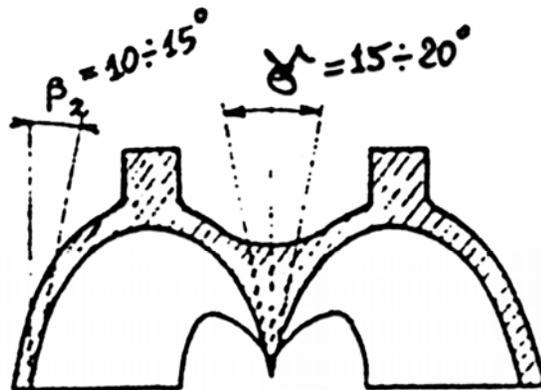
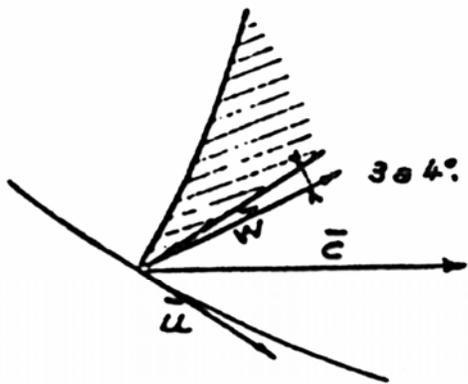
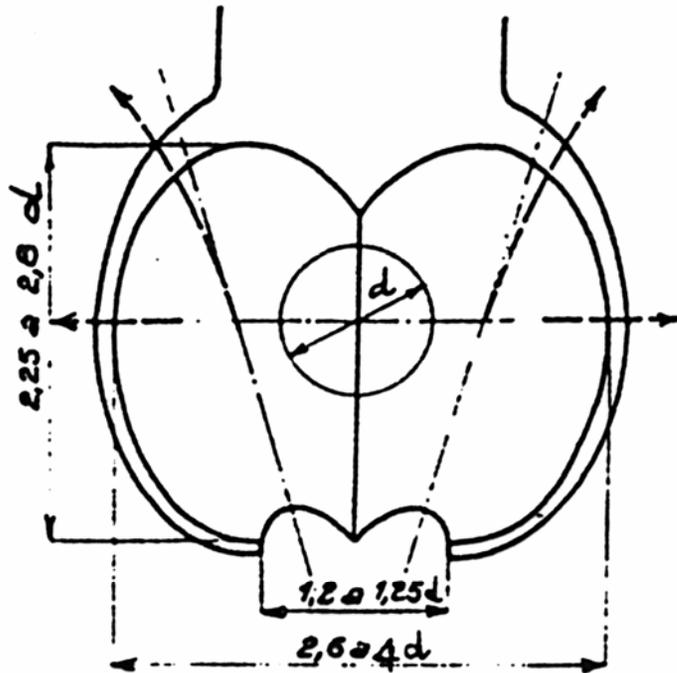
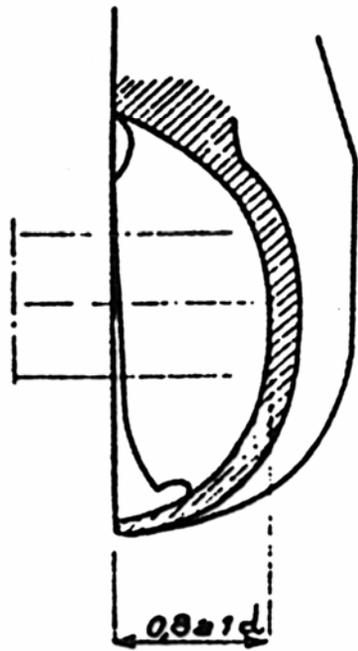
Lezione 8

Turbine idrauliche ad azione

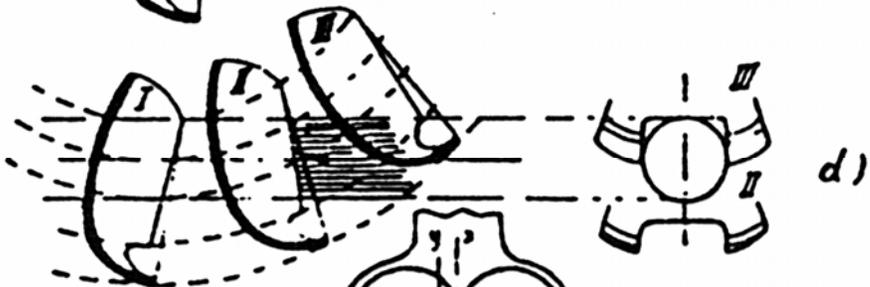
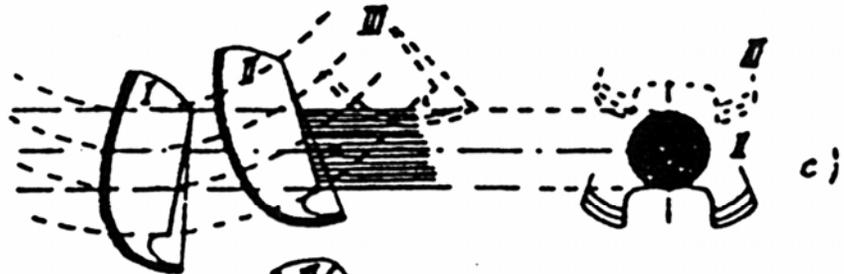
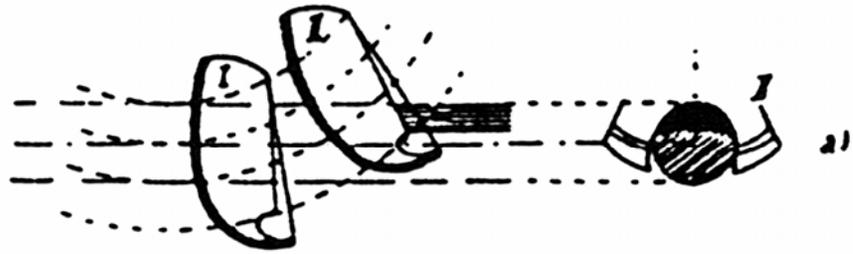
Pelton





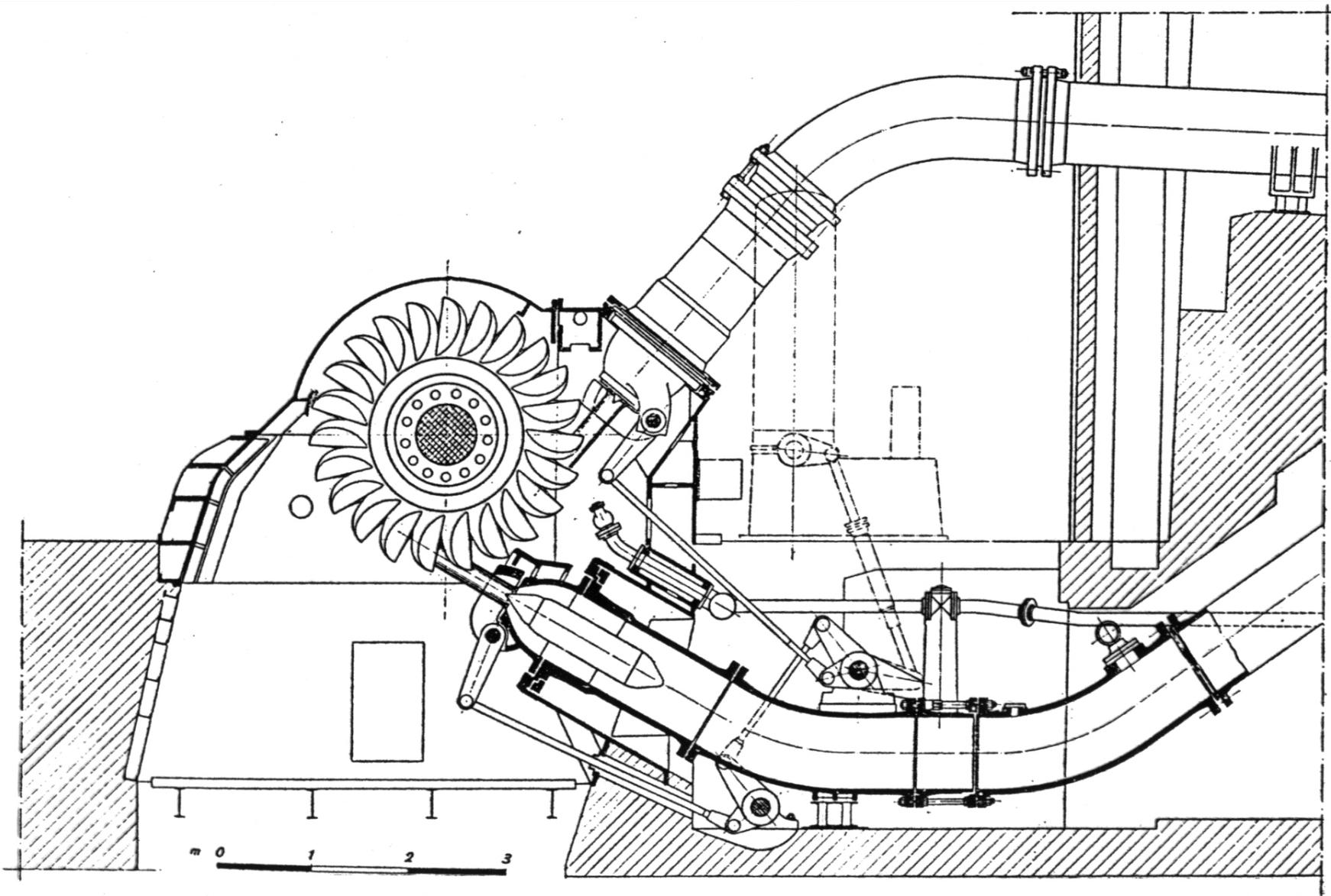


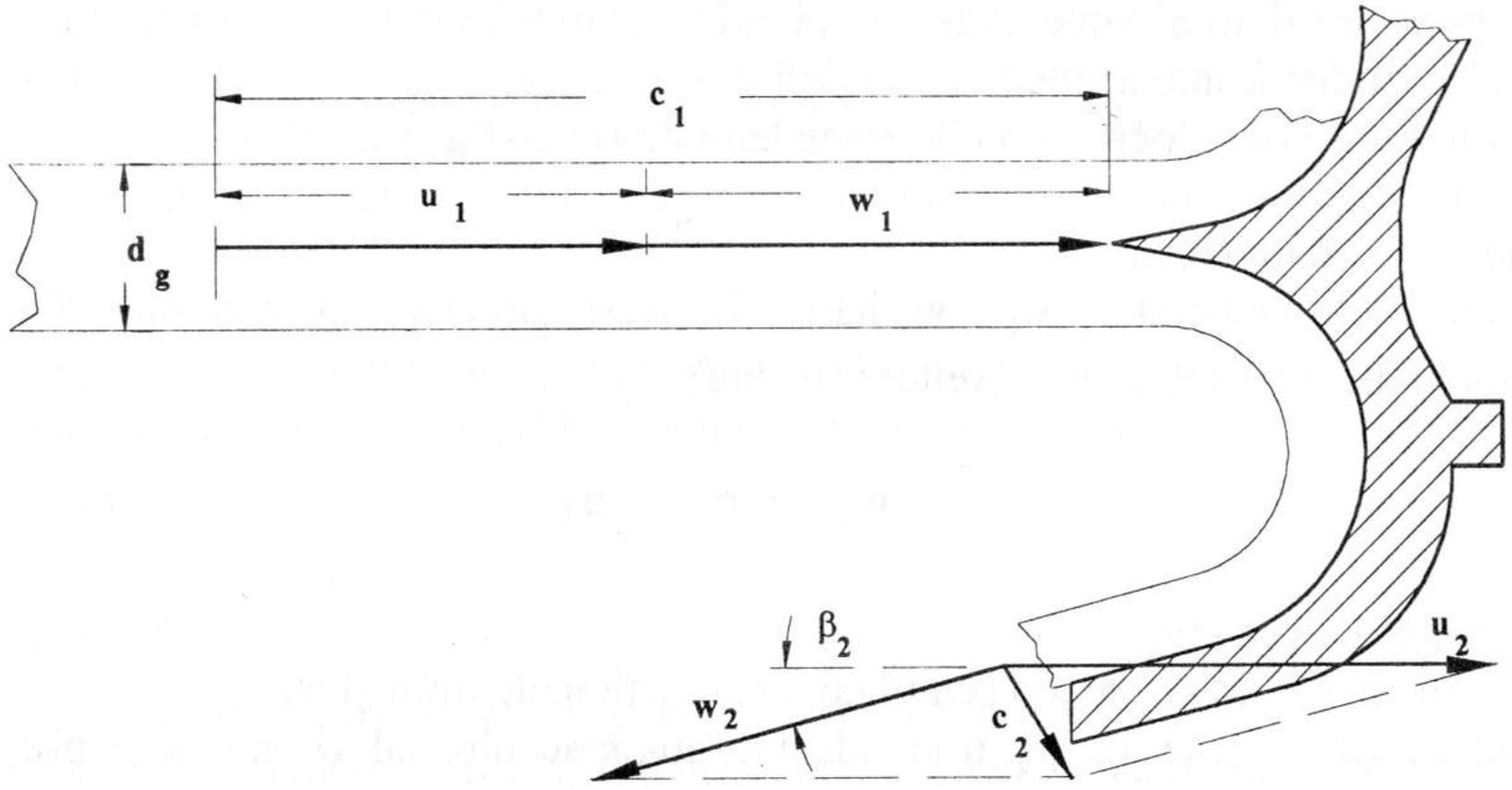
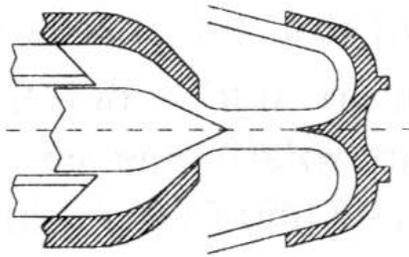
petto
diritto
parzializzato

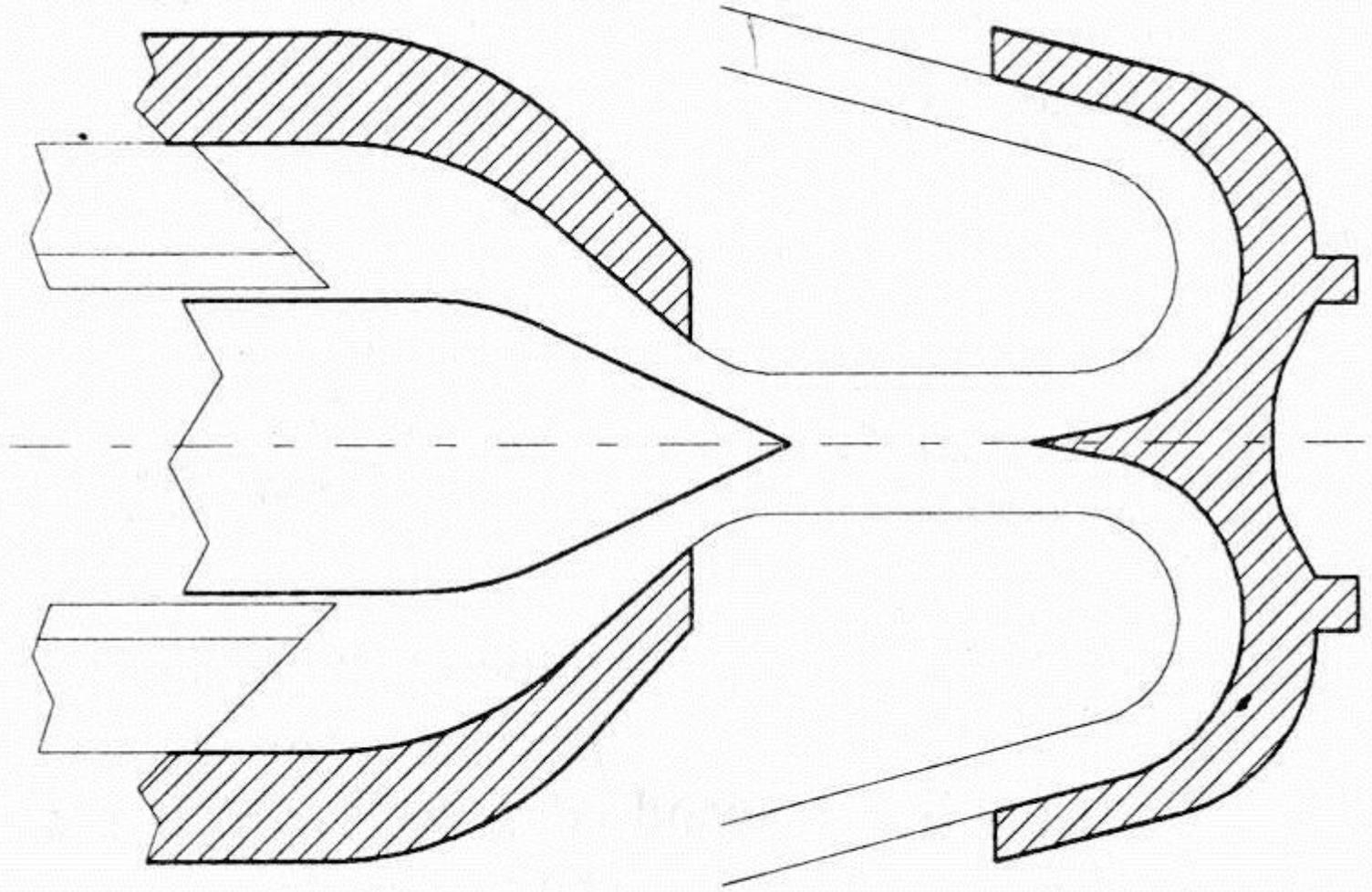


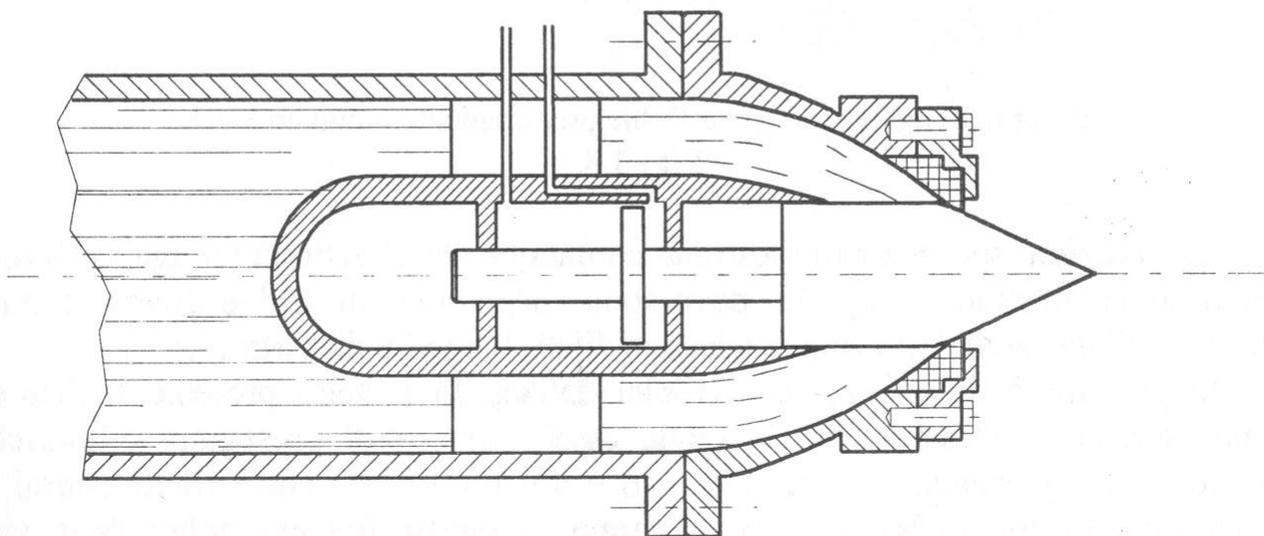
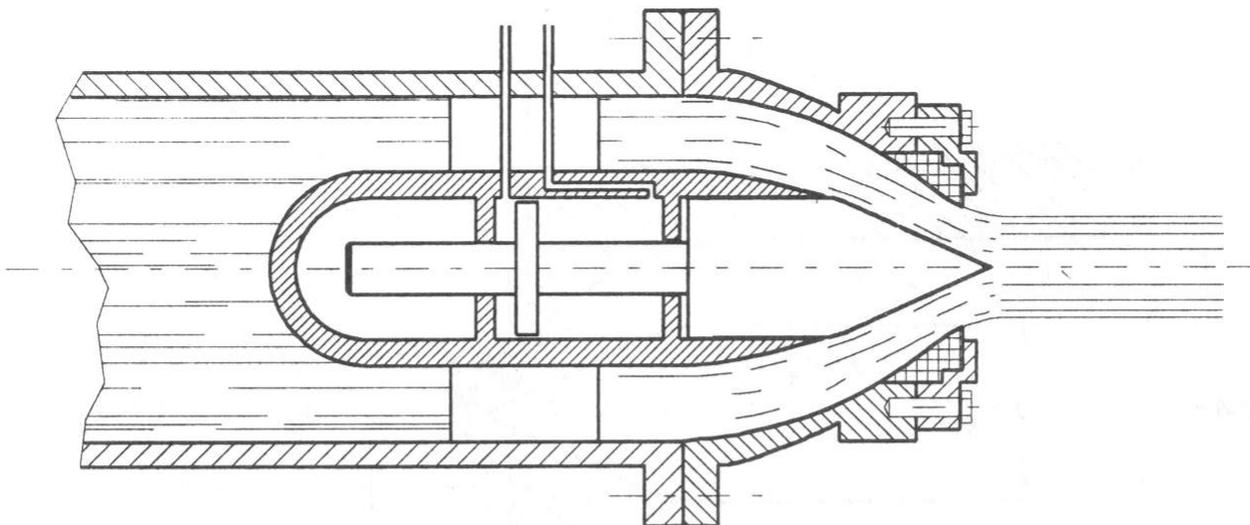
petto
diritto
intero



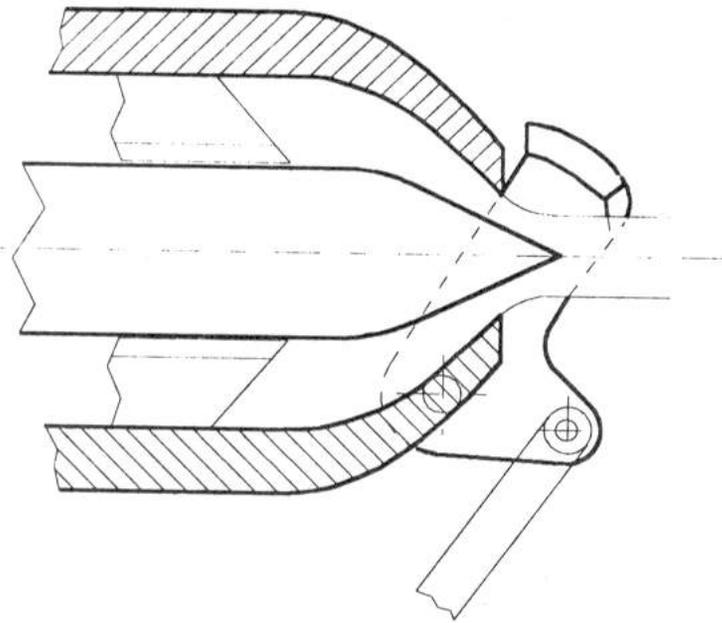




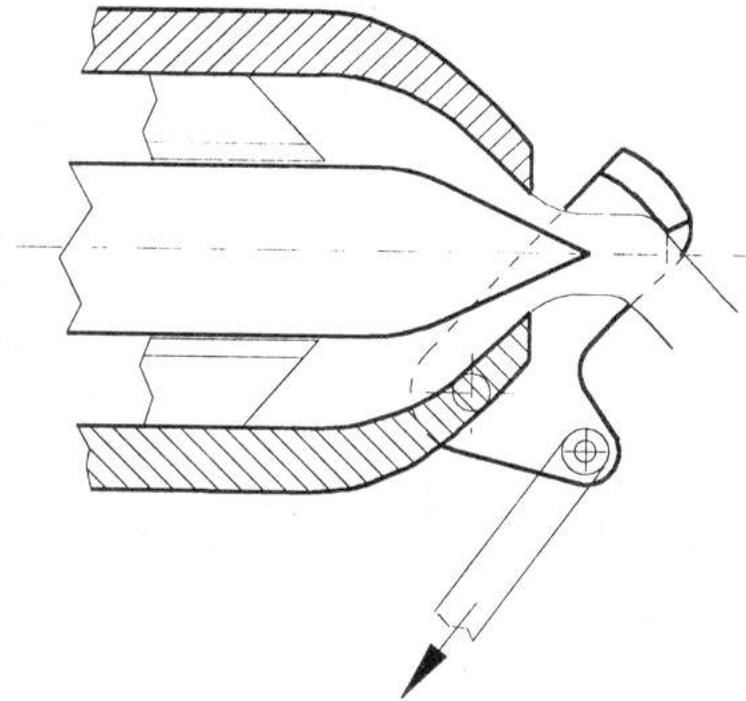




Schema di ugello Doble:
a : in condizioni di massima apertura (portata max).
b : in condizioni di chiusura (portata nulla).

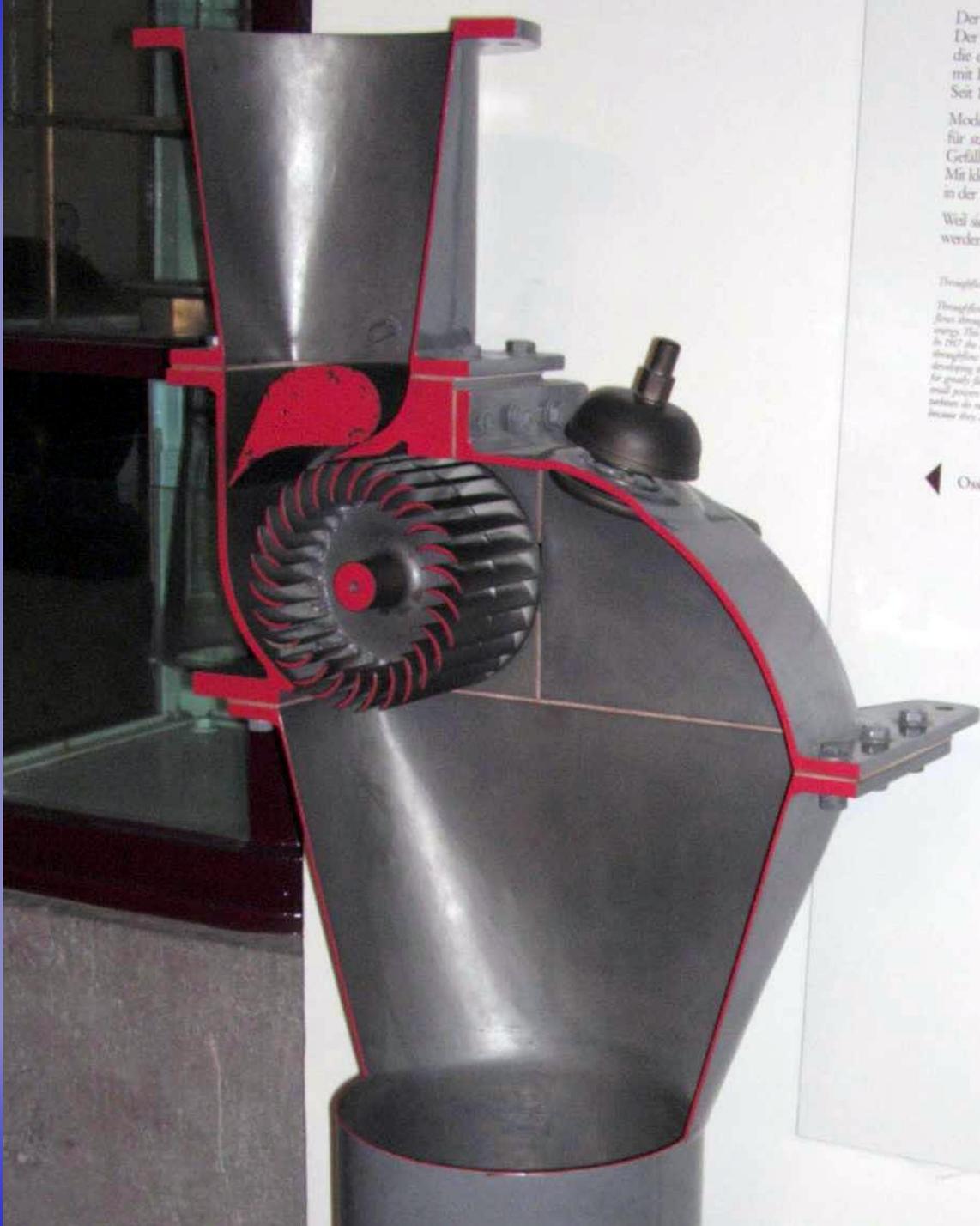


a



b

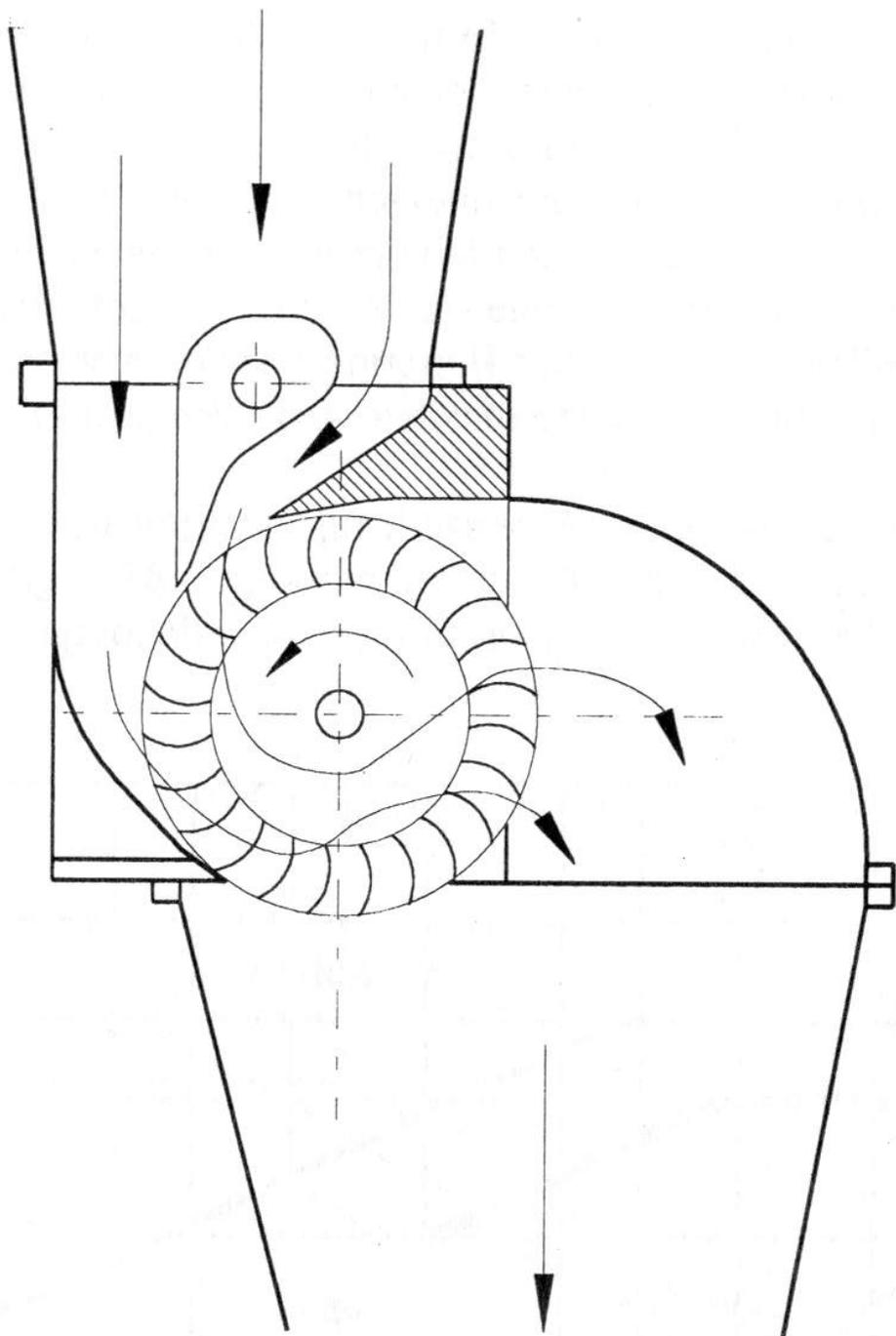
Banki (Ossberger)



Der Australier Anthon
Der Ungar Darus Birk
die erste praktisch ver
mit Rechteckstrahl.
Seit 1922 entwickelt di
Moderne Durchström
für stark schwankende
Gefälle von 1 bis 300 m
Mit kleinen Leistungen be
in der Francis- und Peltor
Weil sie vergleichsweise bi
werden sie auch in Entwic

Throughflow turbines
*Throughflow turbines are a special type
flow through the scroll. It makes the P
energy. The principle was invented in 1917
in 1917 the Hungarian Dr. Darus Birk
throughflow turbine with rectangular A
developing this type since 1911. Modern
for greatly fluctuating water rates of flow
small power of up to 1000 kW they are
turbines do not operate very efficiently. Th
because they are comparatively cheap and*

◀ Ossberger-Turbine



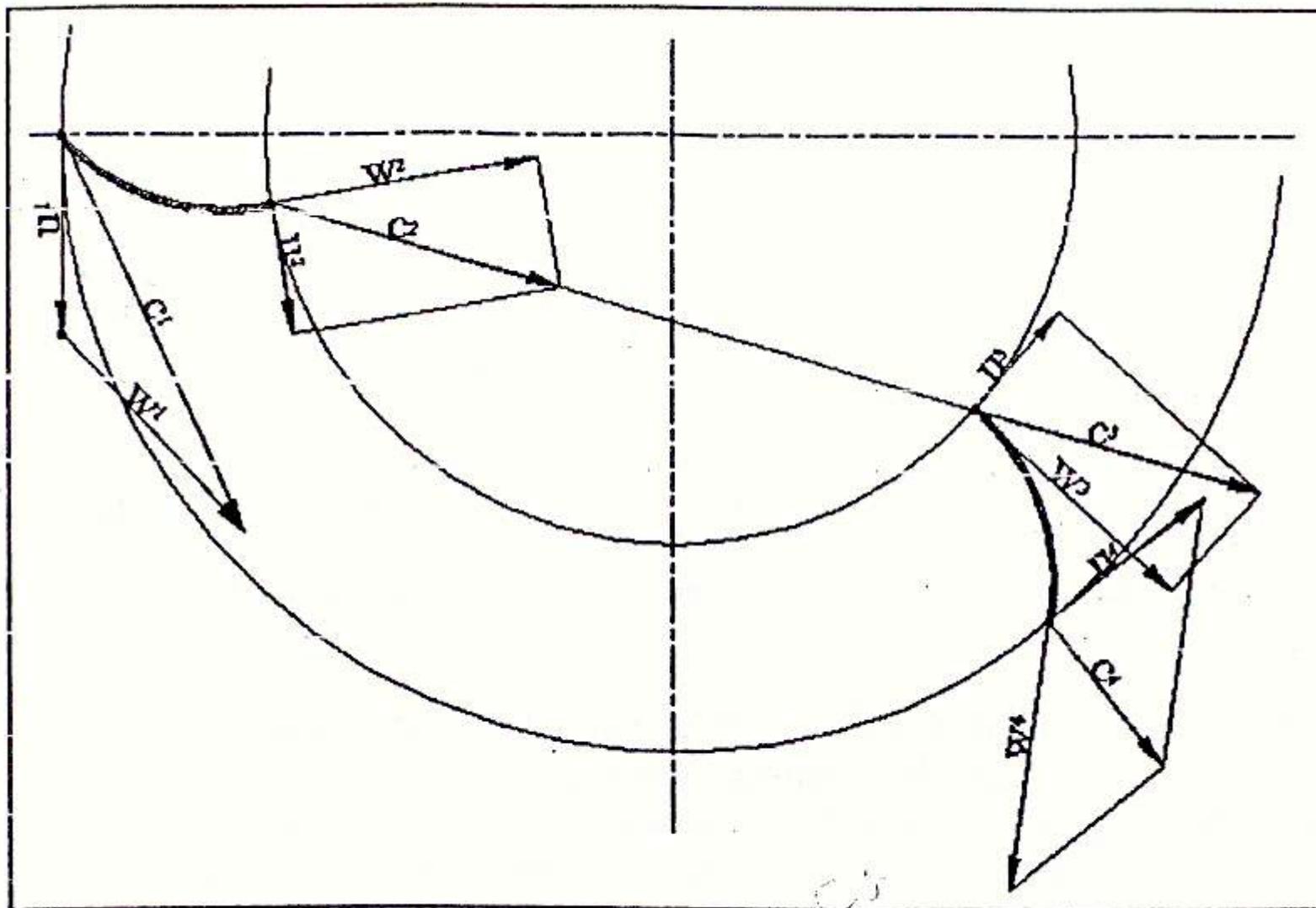


Figura 152: Triangoli delle velocità

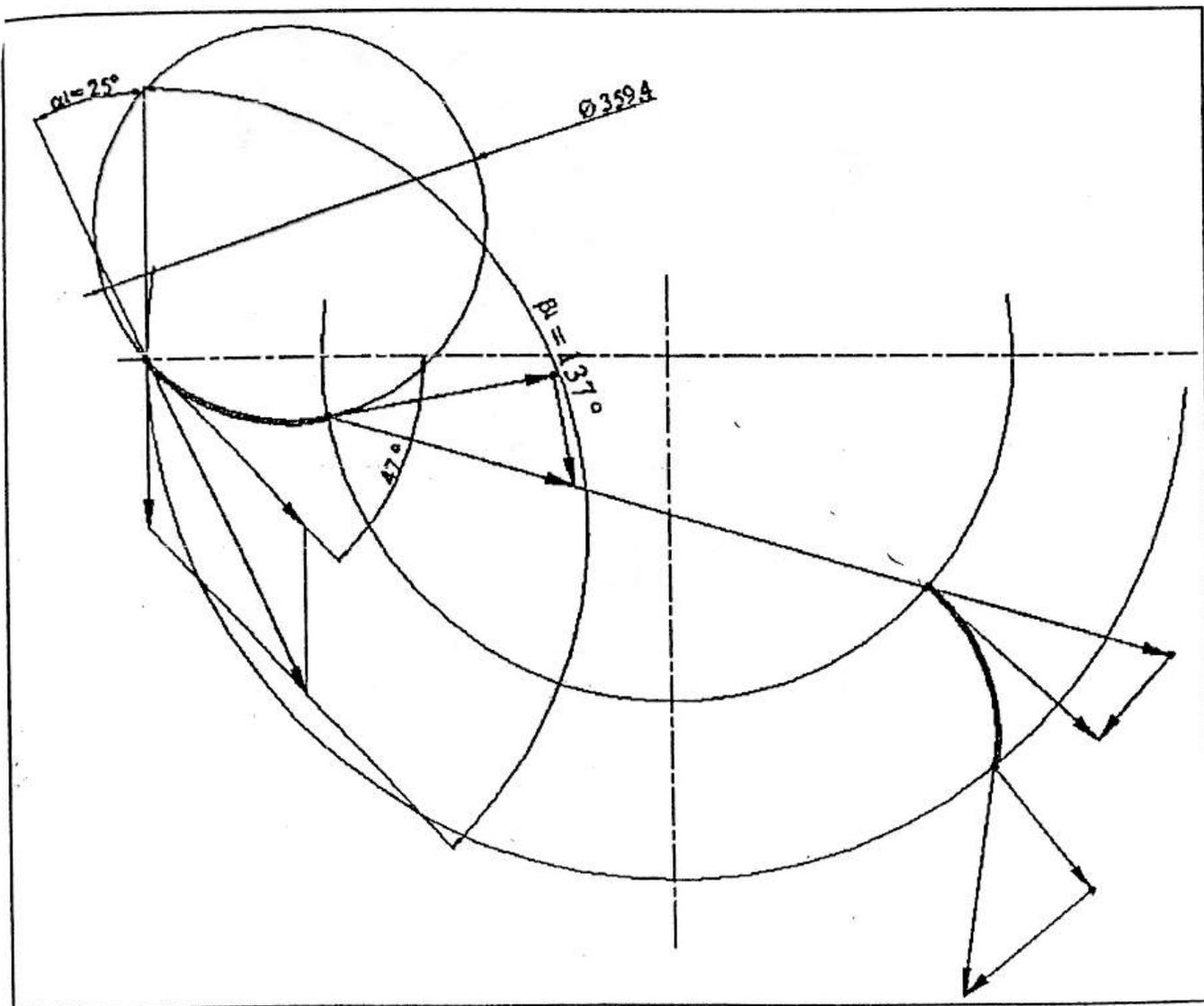


Figura 153: Geometria del rotore

