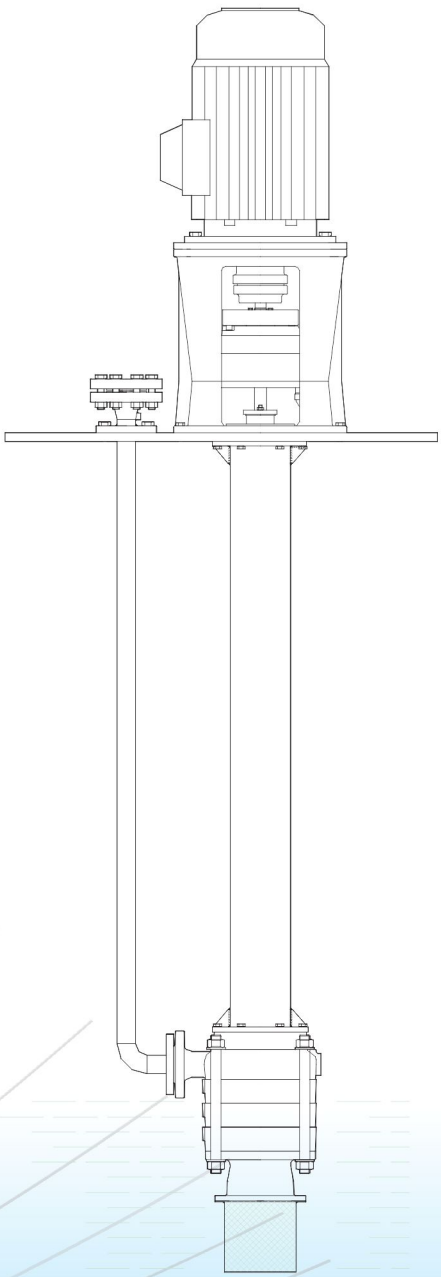
HPV

Vertical multistage centrifugal pumps in ring-section design



VERSA® PUMP

Vertical multistage centrifugal pumps in ring-section design

PUMP DESIGN
Multistage centrifugal pumps in ring-section design, radially split, with closet radial impellers and suction impeller at 1st stage for lower NPSH values.
Casing parts sealed by O-rings and assembled by robust tie bolts positioned externally at suction branch.
Radial suction and flow inlet which can be rotatedevery 90°.
Flanges accordino to DIN and ANSI (drilling, sealing step and flange thickness).

BEARING
Flanged greace on both pump sides, lubrificated from the pom-pato liquid.
Flanged oil-lubrificated bearings on the side commando of the pump

AXIAL TRUST
Pumps equipped with bilance drum for the hydraulic balancing of the impeller axial thrust.
Residual thrust absorbed by axial bearing.

SHAFT SEALS
Cooled packing stuffing box, with or without barrage fluid injec-tion.
Single mechanical seal in accordance with DIN 24960cooled or uncooled.

COUPLING
They are mode of a support that is equipped with athrust bea-ring piaced between the basic-plate and the electric motor.
Two elastic semi-joints enable the trasmission of the motion from the motor to the pump.
They are equipped with device against reverse.

APPLICATIONS
- Washing plants
- Artificial snowing plants
- Irrigation plants
- Heating plants
- Cooling plants
- Suprheated water plants
- Condensate lift plants
- High pressare lift plants
- Water feed and anti-fire plants

WORKING FEATURES

DN suct./flow	32/80 and 50/125
Q	up to 100 m³/h (l/s)
H	up to 1000 m
max P	up to 100 bar
max T	from –10°C a +140°C
speed	up to 2900 rpm
standard flanges	DIN
Suction inlet	PN16 - PN25
Flow inlet	PN64 - PN100
Standard flanges	ANSI
Suction inlet	Class 150 - Class 300
Flow inlet	Class 600 - Class 900