

VERTICAL PUMPS

VERTICAL CENTRIFUGAL PUMPS

Vertical centrifugal pumps are suitable for installations with the pump immersed directly in the tank.

GemmeCotti supplies the following models of vertical pumps:

HV

- Thermoplastic pumps made of PP or PVDF.
- Capacity up to 40 m³/h.
- Head up to 22 mlc.
- Monobloc pump with semi open-impeller.
- Suitable for high corrosive liquids with solids in suspension.
- Maximum length 1000 mm.

HVL

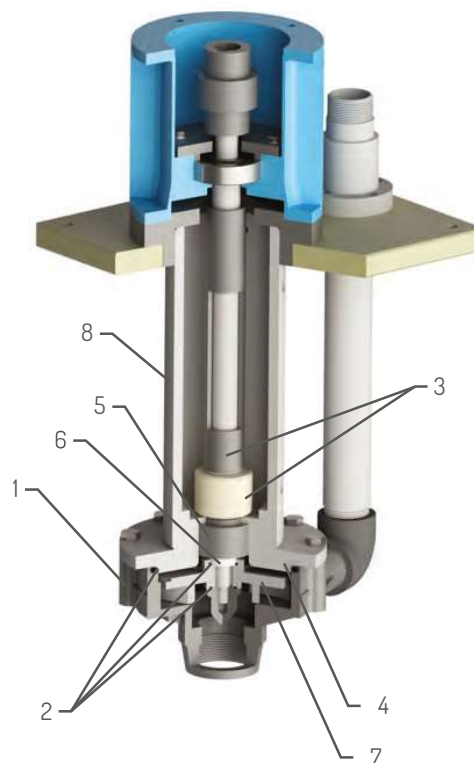
- Thermoplastic pumps made of PP or PVDF.
- Capacity up to 130 m³/h.
- Head up to 48 mlc.
- Centrifugal pump with coupling and semi open-impeller.
- Suitable for high corrosive liquids with solids in suspension.
- Maximum column length 2000 mm.

PVA

- Vertical centrifugal cantilever pumps.
- Made of AISI316.
- Capacity up to 24 m³/h.
- Head up to 26 mlc.
- Especially designed for the production of PCBs.

HTM-V

- Vertical magnetic drive pumps.
- Thermoplastic pumps made of PP or PVDF.
- Capacity up to 23 m³/h.
- Head up to 20 mlc.
- Column length: 320 mm.



MATERIALS IN CONTACT WITH THE LIQUID

PART NUMBER - DESCRIPTION	VERTICAL PUMPS	
	HV	HVL
1 - PUMP HEAD	PP OR PVDF	PP OR PVDF
2 - O-RING	EPDM OR VITON	EPDM OR VITON
3-SHAFT COVERING/GUIDE SHAFT COV.	PP	PP
4- COVER	PP OR PVDF	PP OR PVDF
5- BUSHING	PTFEC	PTFEC
6- WEAR BUSHING	Al ₂ O ₃	Al ₂ O ₃
7- IMPELLER	PP OR PVDF	PP OR PVDF
8- COLUMN	PP OR PVDF	PP OR PVDF



CENTRIFUGAL VERTICAL CANTILEVER PUMPS



FEATURES

- Materials available: AISI 316 or Titanium.
- Max flow: 24 m³/h. Max head: 26 m.
- Fume labyrinth seal. A combined system of labyrinth, rings and PTFE lip seal guarantees tightness against gas and vapours.
- Impeller with low axial thrust.
- Suitable for corrosive liquids containing solids.
- Especially designed for use in the production of printed circuit boards (PCB).
AISI 316 version is suitable for potassium permanganate applications at 90°C.
Titanium version is suitable for "Black Oxide".
- Two different types available: PVA 1 for tank transfer and PVA 2 used as a boosting pump. PVA 2 model should be installed in the same tank where PVA 1. This provides a tight system which prevents any leaks.

PERFORMANCE CURVES 50HZ - 2900 RPM

