## VERTICALLY SUSPENDED, WET PIT, SINGLE CASING, SINGLE OR MULTISTAGE, DIFFUSER OR VOLUTE PUMPS

API-610 TYPE: VS1 — VS2 TERMOMECCANICA PUMP MODELS: CPP - CPPD



## **KEY FEATURES:**

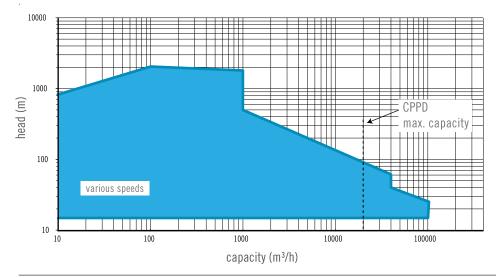
- Wet pit, vertically suspended, single casing pumps with discharge through the column
- The CPP model refers to single or multistage diffuser pumps (VS1), with radial or mixed flow impellers
- The CPPD models refer to single stage volute pumps (VS2), with a single or double suction radial impeller
- · A very wide number of hydraulics is available for an optimal selection
- Designs in full compliance with API 610 are available on small and medium size standardized models
- Larger sizes are custom-made, designed in compliance with international standards, including API 610
- For large capacities, CPP pumps can also be supplied in dry pit solutions

## **MAIN APPLICATIONS:**

- · Condenser cooling water
- Industrial cooling water services
- Water supply
- Flood control and irrigation
- Desalination sea water intake
- · Offshore sea water lift
- · Hydrocarbon pipelines and transfer service
- Chemical and petrochemical auxiliary services
- Molten salt services in solar power plants
- Fire fighting

## **OPERATING RANGE**

•	Capacity:	up to	100,000 m³/h	440,000 gpm
•	Head:	up to	2,000 m	6,560 ft.
•	Pressure:	up to	220 bar	3,190 psig
•	Temperature:	up to	-150 to+400 °C	-300 to +750 °F
•	Settings:	up to	50 m	164 ft.



TRILLIUM FLOW TECHNOLOGIES™ PUMP RANGE 27