

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

API-610 TYPE: VS1 – VS2

TERMOMECCANICA PUMP MODELS: CPP - CPPD



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 m <sup>3</sup> /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.         |

