



MZT PUMPI

PUMP YOUR WAY TO SUCCESS



API Standard 610 Pumps Series

For Petroleum, Petrochemical And Natural Gas Industries

INNOVATION Constant following of the latest technological improvements!

QUALITY Continuous quality control in each phase of the manufacturing process!

CUSTOMER FOCUS

Always oriented towards our customers, by striving to meet their needs and give solutions to their problems.

AMBITION Team work is part of our culture, our employees are united in their ambition to realize the set corporate objectives!

API Standard 610
Pumps Series

For Petroleum, Petrochemical And Natural Gas Industries



ENVIRONMENTAL
MANAGEMENT
SYSTEM
ISO 14001:2004

OCCUPATIONAL HEALTH
AND SAFETY MANAGEMENT
SYSTEM
OHSAS 18001:2007



API Standard 610 Pumps Series

Centrifugal Pumps For Petroleum, Petrochemical And Natural Gas Industries

SCP / Single-stage Overhung Pumps

API 610 Code: OH1

DESCRIPTION: OH1

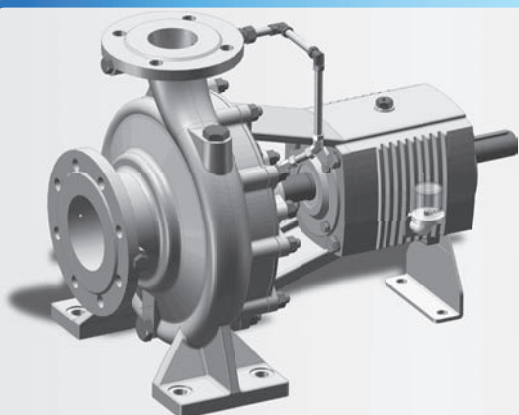
Single stage centrifugal pumps-overhung type, end suction, top discharge, single or double volute, foot mounted on a base plate and flexible coupling with spacer coupling to their driver. High efficiency and low NPSH performances.

TECHNICAL DATA:

- Flow capacity 2500 [m³/h]
- Head 160 [m]
- Maximum discharge pressure 40 [bar]
- Maximum temperature 320 [°C]

DESIGN:

- Centrifugal
- Overhung
- Flexible coupling
- Horizontal
- Foot mounted



APPLICATION:

- Oil Production
- Hydrocarbon processing
- Petrochemical processing
- General purpose
- Oil transportation
- General processing industry

INDUSTRIES:

- Chemical industry
- Petrochemical industry
- Steel industry
- Utilities
- Water handling and treatment
- Delayed coking
- Catalytic cracking
- Distillation
- Gas treatment
- LNG
- Crude oil handling and treatment
- Hydrocarbons

API Standard 610 Pumps Series

Centrifugal Pumps For Petroleum, Petrochemical And Natural Gas Industries

SCP / Single-stage Overhung Pumps

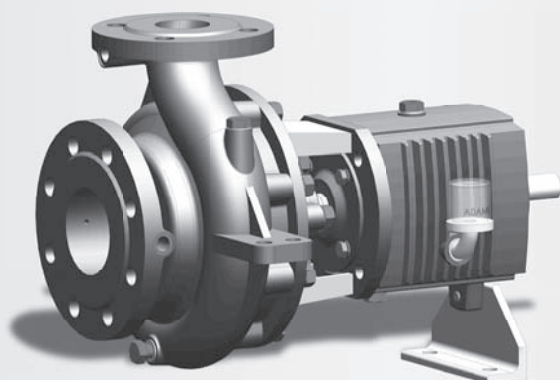
API 610 Code: OH2

DESCRIPTION: OH2

Single stage centrifugal pumps-overhung type, end suction, top discharge, single or double volute, centerline mounted on a base plate and flexible coupling with spacer coupling to their driver. High efficiency and low NPSH.

TECHNICAL DATA:

- Flow capacity 2500 [m³/h]
- Head 160 [m]
- Maximum discharge pressure 40 [bar]
- Maximum temperature 320 [°C]



DESIGN:

- Centrifugal
- Overhung
- Flexible coupling
- Horizontal
- Centerline mounted

APPLICATION:

- Oil Production
- Hydrocarbon processing
- Petrochemical processing
- General purpose
- Oil transportation
- General processing industry

INDUSTRIES:

- Chemical industry
- Petrochemical industry
- Steel industry
- Utilities
- Water handling and treatment
- Delayed coking
- Catalytic cracking
- Distillation
- Gas treatment
- LNG
- Crude oil handling and treatment
- Hydrocarbons

API Standard 610 Pumps Series

Centrifugal Pumps For Petroleum, Petrochemical And Natural Gas Industries

D / Axial Split Double Suction Pumps

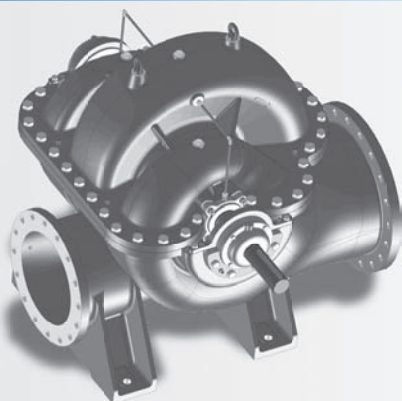
API 610 Code: BB1

DESCRIPTION: BB1

Single or double stage centrifugal pump-between bearings type, axially split, single or double volute, mounted on a base plate and flexible coupled with spacer coupling to their driver. High efficiency and low NPSH performances.

TECHNICAL DATA:

- Flow capacity 10.000 [m3/h]
- Head 150 [m]
- Maximum discharge pressure 40 [bar]
- Maximum temperature 160 [°C]



DESIGN:

- Centrifugal
- Between bearings
- 1-And 2-Stage
- Horizontal
- Axially split

APPLICATION:

- Condensate extraction
- Distillation (oil & gas)
- Cooling water (power)
- Gas treatment and sulfur recovery
- Gas to liquids
- Heavy oil
- Crude oil transport
- Dewatering and water supply (mining)
- Renewable fuel production
- Water supply and distribution
- Boiler Feed
- Auxiliary services

INDUSTRIES:

- Oil & Gas
- Chemical processing
- Mining, water resources
- Power generation
- Pulp and paper
- Petrochemical industry
- Steel industry

API Standard 610 Pumps Series
Centrifugal Pumps For Petroleum, Petrochemical And Natural Gas Industries

MS / Horizontal Multi-Stage Pumps (Ring Section)

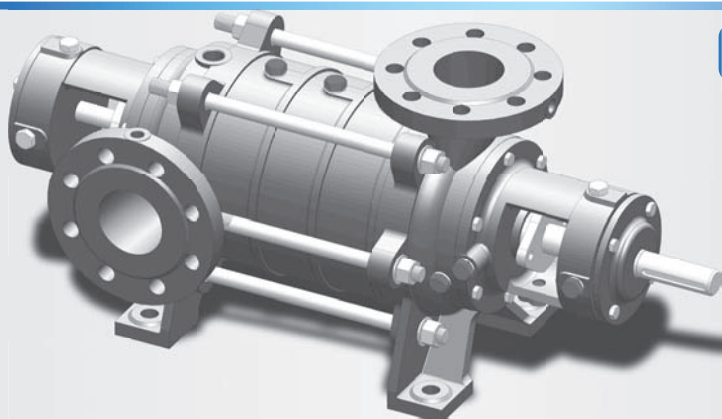
API 610 Code: BB4

DESCRIPTION: BB4

Multi stage centrifugal pump-between bearings type, radially split, ring section, mounted on a base plate and flexible coupled with spacer coupling to their driver. High efficiency and low NPSH performances.

TECHNICAL DATA:

- Flow capacity 720 [m³/h]
- Head 550 [m]
- Maximum discharge pressure 64 [bar]
- Maximum temperature 160 [°C]



DESIGN:

- Centrifugal
- Between bearings
- Multistage
- Radially split
- Single casing

APPLICATION:

- Condensate extraction
- Distillation (oil & gas)
- Cooling water (power)
- Gas treatment and sulfur recovery
- Gas to liquids
- Heavy oil
- Crude oil transport
- Dewatering and water supply (mining)
- Renewable fuel production
- Water supply and distribution
- Boiler Feed
- Auxiliary services

INDUSTRIES:

- Oil & Gas
- Chemical processing
- Mining, water resources
- Power generation
- Pulp and paper
- Petrochemical industry
- Steel industry

API Standard 610 Pumps Series
Centrifugal Pumps For Petroleum, Petrochemical And Natural Gas Industries

DP / Vertical Diffuser Pumps

API 610 Code: VS1

DESCRIPTION: VS1

Wet pit, vertically suspended, single casing diffuser pumps with discharge through the column. High efficiency and low NPSH performances.

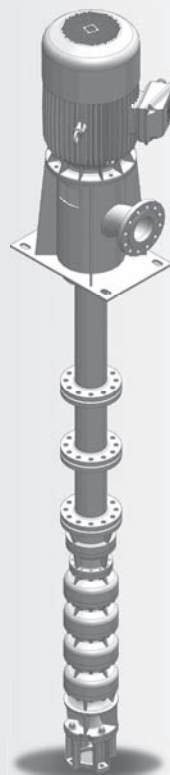
TECHNICAL DATA:

- Flow capacity 4.000 [m³/h]
- Head 200 [m]
- Maximum discharge pressure 40 [bar]
- Maximum temperature 140 [°C]

APPLICATION:

- Flood Control
- Water treatment
- LNG
- Sewage collection and treatment
- Water supply and distribution
- Catalytic cracking
- Hydro treating
- Crude
- Product and CO₂ pipe line
- Dewatering and water supply
- Distillation (oil & gas)
- FPSO
- Ground water development and irrigation
- Hydrocracking condensate extraction

DESIGN:



- Centrifugal
- Vertically suspended
- Single casing
- Discharge through column
- Diffuser

INDUSTRIES:

- Chemical industry
- Petrochemical industry Steel industry
- General industries
- Mining
- Water recourses
- Power generation
- Oil & gas
- Vertical process
- Light hydrocarbon
- High vapor pressure
- (Low NPSH)
- Pipeline boosters
- Offshore platform / sea water lift (crude oil transfer)
- Refinery service
- Waste water
- Cooling water

API Standard 610 Pumps Series
Centrifugal Pumps For Petroleum, Petrochemical And Natural Gas Industries

PP / Vertical Axial-Flow Pumps

API 610 Code: VS3

DESCRIPTION: VS3

Wet pit, vertically suspended, single casing axial flow pumps with discharge through the column. High efficiency and low NPSH performances.

TECHNICAL DATA:

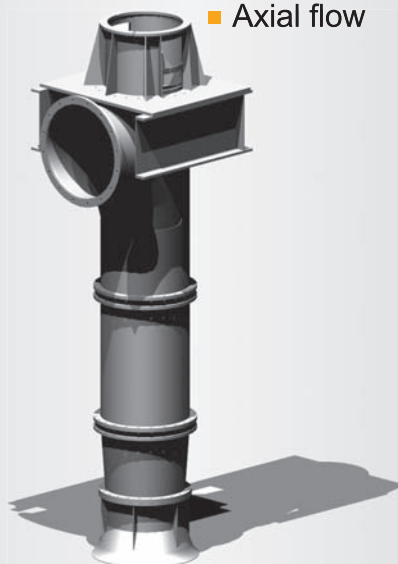
- Flow capacity 15.000 [m³/h]
- Head 9 [m]
- Maximum discharge pressure 2.5 [bar]
- Maximum temperature 120 [°C]

APPLICATION:

- Flood Control
- Water treatment
- LNG
- Sewage collection and treatment
- Water supply and distribution
- Catalytic cracking
- Hydro treating
- Crude
- Product and CO₂ pipe line
- Dewatering and water supply
- Distillation (oil & gas)
- FPSO
- Ground water development and irrigation
- Hydrocracking condensate extraction

DESIGN:

- Centrifugal
- Vertically suspended
- Discharge through column
- Axial flow



INDUSTRIES:

- Chemical industry
- Petrochemical industry Steel industry
- General industries
- Mining
- Water recourses
- Power generation
- Oil & gas
- Vertical process
- Light hydrocarbon
- High vapor pressure
- (Low NPSH)
- Pipeline boosters
- Offshore platform / sea water lift (crude oil transfer)
- Refinery service
- Waste water
- Cooling water

API Standard 610 Pumps Series

Centrifugal Pumps For Petroleum, Petrochemical And Natural Gas Industries

VSCP / Vertical Sump Pumps

API 610 Code: VS4

DESCRIPTION: VS4

Vertically suspended, single casing volute line shaft. High efficiency and low NPSH performances.

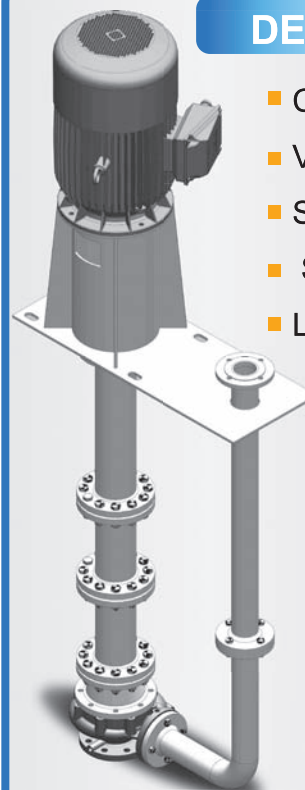
TECHNICAL DATA:

- Flow capacity 1.000 [m³/h]
- Head 100 [m]
- Maximum discharge pressure 16 [bar]
- Maximum temperature 160 [°C]

APPLICATION:

- Flood Control
- Water treatment
- LNG
- Sewage collection and treatment
- Water supply and distribution
- Catalytic cracking
- Hydro treating
- Crude
- Product and CO₂ pipe line
- Dewatering and water supply
- Distillation (oil & gas)
- FPSO
- Ground water development and irrigation
- Hydrocracking condensate extraction

DESIGN:



- Centrifugal
- Vertically suspended
- Single casing
- Separate discharge
- Line shaft

INDUSTRIES:

- Chemical industry
- Petrochemical industry Steel industry
- General industries
- Mining
- Water recourses
- Power generation
- Oil & gas
- Vertical process
- Light hydrocarbon
- High vapor pressure
- (Low NPSH)
- Pipeline boosters
- Offshore platform / sea water lift (crude oil transfer)
- Refinery service
- Waste water
- Cooling water

API Standard 610 Pumps Series
Centrifugal Pumps For Petroleum, Petrochemical And Natural Gas Industries

VSCP / Vertical Sump Pumps

API 610 Code: VS5

DESCRIPTION: VS5

Vertically suspended, single casing cantilever pumps. High efficiency and low NPSH performances.

TECHNICAL DATA:

- Flow capacity 1.000 [m³/h]
- Head 80 [m]
- Maximum discharge pressure 16 [bar]
- Maximum temperature 160 [°C]

APPLICATION:

- Flood Control
- Water treatment
- LNG
- Sewage collection and treatment
- Water supply and distribution
- Catalytic cracking
- Hydro treating
- Crude
- Product and CO₂ pipe line
- Dewatering and water supply
- Distillation (oil & gas)
- FPSO
- Ground water development and irrigation
- Hydrocracking condensate extraction

DESIGN:

- Centrifugal
- Vertically suspended
- Separate discharge
- Cantilever



INDUSTRIES:

- Chemical industry
- Petrochemical industry Steel industry
- General industries
- Mining
- Water recourses
- Power generation
- Oil & gas
- Vertical process
- Light hydrocarbon
- High vapor pressure
- (Low NPSH)
- Pipeline boosters
- Offshore platform / sea water lift (crude oil transfer)
- Refinery service
- Waste water
- Cooling water

API Standard 610 Pumps Series
Centrifugal Pumps For Petroleum, Petrochemical And Natural Gas Industries

DP/ Vertical Double Casing Diffuser Pumps

API 610 Code: VS6

DESCRIPTION: VS6

Vertically suspended double casing diffuser pumps. High efficiency and low NPSH performances.

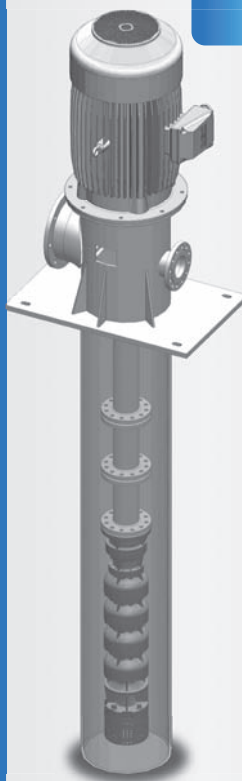
TECHNICAL DATA:

- Flow capacity 1.000 [m³/h]
- Head 80 [m]
- Maximum discharge pressure 16 [bar]
- Maximum temperature 160 [°C]

APPLICATION:

- Flood Control
- Water treatment
- LNG
- Sewage collection and treatment
- Water supply and distribution
- Catalytic cracking
- Hydro treating
- Crude
- Product and CO₂ pipe line
- Dewatering and water supply
- Distillation (oil & gas)
- Ground water development and irrigation
- Hydrocracking condensate extraction

DESIGN:



- Centrifugal
- Vertically suspended
- Double casing
- Diffuser
- Centrifugal or Semi-Axial

INDUSTRIES:

- Chemical industry
- Petrochemical industry Steel industry
- General industries
- Mining
- Water recourses
- Power generation
- Oil & gas
- Vertical process
- Light hydrocarbon
- High vapor pressure (Low NPSH)
- Pipeline boosters
- Offshore platform / sea water lift (crude oil transfer)
- Refinery service
- Waste water
- Cooling water



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OCCUPATIONAL HEALTH
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