



# Axially Split Case Centrifugal Pumps

## CHARACTERISTICS

- Axially split, horizontal single or double stage centrifugal pump
- Foot or Near-centerline mounted
- Double volute casing
- Double suction, radial, closed impeller
- Thrust compensation by double suction impeller
- Side-Side inline nozzle arrangement
- Two-stage design for higher heads
- Materials of construction per API 610, other materials on request

## DESIGN FEATURES

- Heavy duty process design according to API 610 latest edition
- API pump Type BB1
- Ring oil lubrication, other methods of lubrication available
- Near centerline mounting available
- Diffuser design available
- Replaceable wear rings for casing and impeller
- Fan and Water cooling available

## OPERATING LIMITS

- Capacity 100 to 22,000 m<sup>3</sup>/h (440 to 96,863 U.S. gpm)
- Head 10 to 1,200 m (33 to 3,930 ft)
- Discharge flange size 4 to 40 in
- Max. Pressure 145 bar (2,103 psi)
- Temperature 205°C (401°F)

## APPLICATIONS

- Pipeline service-mainline and booster
- Oil extraction technology: onshore and offshore
- Refinery technology
- Chemical / Petrochemical industry
- General industry
- Metallurgical and steel industries
- Combined heating and power stations
- Power stations

## RUHRPUMPEN NOMENCLATURE

- ZM
- ZMS
- ZLM