



Horizontal Process Pumps Single Stage

CHARACTERISTICS

- Radially split, horizontal single stage centrifugal pump
- Centerline mounted
- Single / double volute, depending on size
- Single suction, radial, enclosed impeller
- Thrust compensation by balance holes
- End-Top nozzle arrangement
Other arrangements on request
- Materials of construction per API 610, other materials on request

DESIGN FEATURES

- Heavy duty process design according to API 610 latest edition
- API Type OH2
- Other methods of lubrication available
- Replaceable front and back wear rings for casing and impeller
- Special design for abrasive liquids available
- Low temperature design on request
- Inducers for low NPSH available
- Fan or water cooling is available
- Coke crusher design available for heater charge services
- Jacketed casings available for fly ash and similar

OPERATING LIMITS

- Capacity to 2,800 m³/h (12,340 U.S. gpm)
- Head to 400 m (1,300 ft)
- Discharge flange size 1 to 12 in
- Pressure to 46 bar (668 psi)
- Temperature -46° to 450°C (-50° to 850°F)

APPLICATIONS

- Petroleum refining, production and distribution
- Petrochemical
- Heavy duty chemical
- Gas industry services
- Power plant
- Utilities

RUHRPUMPEN NOMENCLATURE

- SCE