



# Vertical In-line, Process Pumps



SPN

## CHARACTERISTICS

- Radially split, vertical in-line centrifugal pump
- Foot mounted
- Single volute casing
- Single suction, radial, closed impeller
- Thrust compensation by balance holes
- Side-Side in-line nozzle arrangement
- 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 OH3/ OH5
- OH5 (SPN) close coupled design
- OH3 (SPI) separate bearing bracket
- Replaceable wear rings for casing and impeller

## APPLICATIONS

- Petroleum refining, production and distribution
- Petrochemical
- Chemical



SPI

## OPERATING LIMITS

- Capacity 2.5 to 500m<sup>3</sup>/h (11 to 2,201 U.S. gpm)
- Head 15 to 290 m (52 to 950 ft)
- Speed up to 3,600 rpm
- Temperature to 260°C (500°F)
- MAWP to 41 bar (597 psi)

## RUHRPUMPEN NOMENCLATURE

- SPI
- SPN