

S P I

Heavy Duty Vertical Inline API 610 Process Pump



SPI

Process Pump

For over 50 years the name Ruhrpumpen has been synonymous worldwide with innovation and reliability for pumping technology.

The SPI is a vertical inline, single stage, single suction centrifugal pump accordance to API 610, 8th Edition with mechanical seal chamber in accordance with API 682.

The pump is suitable for being directly mounted into the piping without the need of a foundation.

The SPI pumps are designed to handle a wide range of process fluids and has one of the broadest hydraulic coverages in the industry.

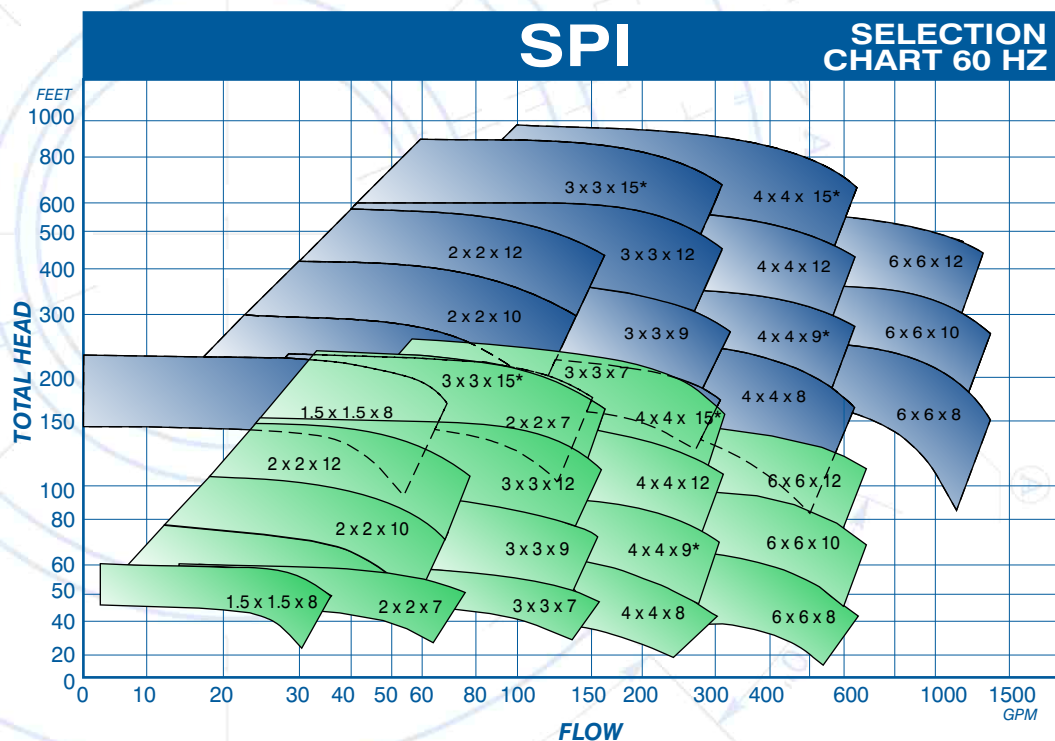
Qualified specialists in all departments ensure that the pumps and equipment from our facilities are able to operate under the most severe conditions.

Intensive research and development ensures that the products of Ruhrpumpen are continuously improved to meet the latest technical requirements.

It is only possible to achieve these aims by means of highly sophisticated CNC controlled machines in our modern machine shop, supplemented by our test and development departments as well as the latest industry standard inspection and control procedures. All in our ISO 9001 certified facilities.

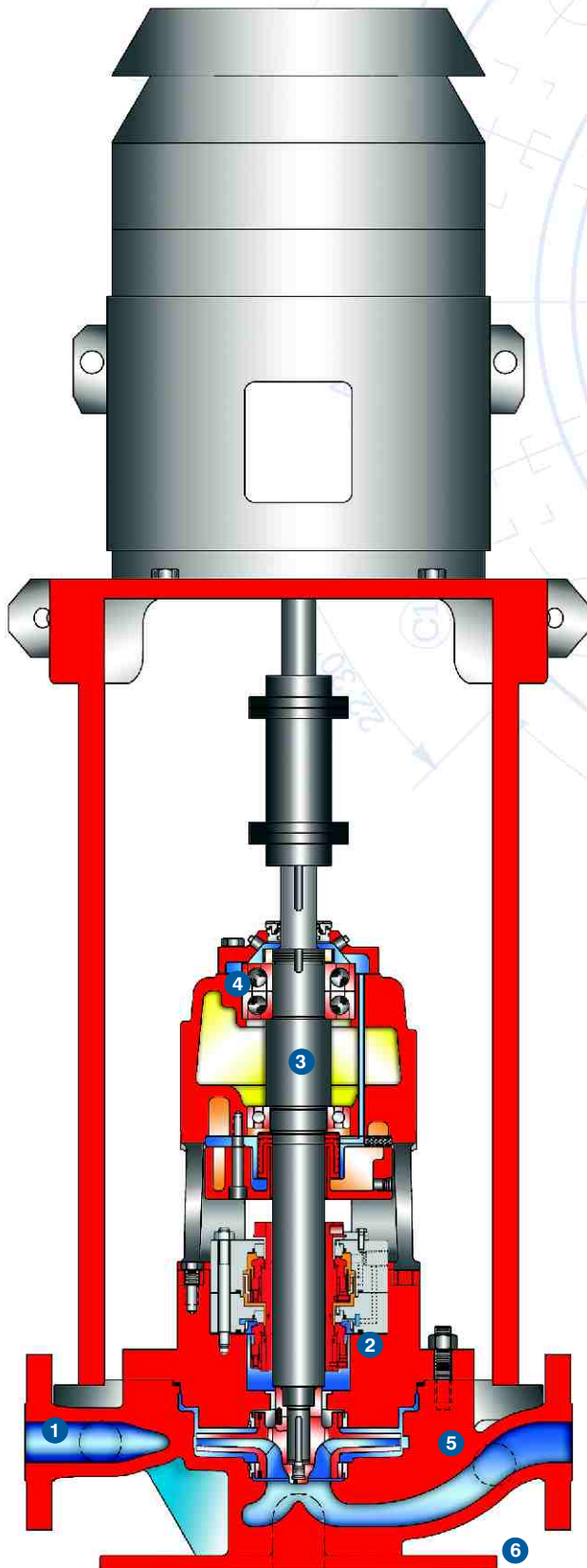
The application of modern, reliable methods, data processing and sophisticated software with high performance, state of the art IT offers our customers high reliability and speed in all working processes, from planning and production to the providing of spare parts.

The availability of spare parts, together with first class service, ensures customers that they have selected the right partner.



*Only available for oil mist configuration

Fully Compliant with API 610, 8th Edition



- 1 19 pump sizes from 1 1/2" to 8" discharge nozzles. Built in accordance with API 610, 8th Edition.
- 2 Mechanical seal chamber dimensions in full compliance with API 610 and API 682.
- 3 Large shaft design results in deflections at the mechanical seal less than 0.002 in. This results in maximized seal life and minimized vibrations ensuring a long lasting, smooth running pump.
- 4 Antifriction bearings are designed with a minimum B10 life of 25,000hr. Double angular contact bearings are available for high suction pressure applications.
- 5 Double volute casings are standard for sizes greater than 3" nozzles. (except 4x4x12 & 4x4x15 are single volute).
- 6 Foundation support is possible with the integral footplate.

Product Description

- ✓ Vertical arrangement.
- ✓ Process design.
- ✓ Radially split.
- ✓ Single stage.
- ✓ Single suction.
- ✓ Separate bearing frame.
- ✓ Suction and discharge position: inline.

Broad Application Range

The SPI is a heavy duty centrifugal inline pump built in accordance with API 610 to meet the stringent operating requirements of today's process industry. It is designed to handle a wide range of process fluids and conditions. Combined with Ruhrpumpen's vast experience in design, manufacture, quality assurance and operation of process pumps makes the SPI your choice in inline pumps.

Performance Range

Capacity	Q	to	2700 US gpm
Head	H	to	950 ft
Speed:	n	to	3600 RPM
Temperature:	t	to	500°F
MAWP:	p	to	600 psi

Other Ruhrpumpen Products

**API 610
Overhung Radial Split**



**API 610
Between Bearings
Radial Split Single Stage**



**API 610
Between Bearings
Radial Split Two Stage**



**Vertical
Double Suction**



**UL/FM
Firewater Pumps**



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