

RPH-V – Heavy-duty VS4 Vertical Sump Pump to ISO 13709 / API 610



Applications:

- Oil and gas
- Petrochemical
- Chemical
- Offshore platforms

More information:

www.ksb.com/products

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Design features

- 1 Bearings exceed service life specified by API 610, reducing maintenance costs and work. Standard lubrication with oil, option for grease.
- 2 Rigid coupling with spacer to facilitate maintenance of mechanical seal
- 3 Seal chamber to API 610 accommodates all mechanical seals to API 682
- 4 Plain bearings with maximum spacing between shaft guide bearing to API 610. Radial bearings lubricated by fluid handled or clean water from external source, option for grease.
- 5 Flanges to all standards PN 40 equivalent (ASME Class 400)
- 6 Soleplate (circular flange) according to ASME B16.47 Class B or ASME B16.5 Class 150. Rectangular soleplate option is available upon request.

Materials

S-5, S-6, S-8, C-6, A-8 and D-1

Other materials upon request

Technical data

Pump size	DN 40 up to 150
Flow rate	Up to 180 m³/h
Head	Up to 240 m
Discharge pressure	Up to 35 bar
Fluid temperature	-30 °C to +274 °C
Speed	Up to 3500 min⁻¹
Standard installation depth	Up to 5 m

