

# Horizontal Pumps

PRODUCT CATEGORY		RP MODEL	DESCRIPTION	DESIGN STANDARD	Oil & Gas	Power	Industrial	Water	Chemical	Mining	Fire		
OVERHUNG	Sealless Magnetic Drive Pumps	CRP-M	Sealless process pump with magnetic drive acc. to DIN EN ISO	DIN EN ISO 2858 & 15783 HI design (OH11)	■	■	■	■	■	■	■		
		CPA-M	ANSI sealless process pump with magnetic drive	ANSI B73.3 HI design (OH11)	■	■	■	■	■	■	■		
		SCE-M	Heavy-duty process pump with magnetic drive acc. to API	API 685	■	■	■	■	■	■	■		
	Flexibly Coupled	Foot Mounted OH1 and General End Suction	IPP	Dimensionally compliant with the ANSI B73.1 standard	HI design (OH1)	■	■	■	■	■	■	■	
			CPP / CPP-L	Single stage, end suction ANSI process pump (enclosed impeller)	HI design (OH1) ANSI B73.1	■	■	■	■	■	■	■	
			CPO / CPO-L	Single stage, end suction ANSI process pump (open impeller)	HI design (OH1) ANSI B73.1	■	■	■	■	■	■	■	
			CRP	Single stage, end suction ISO process pump	HI design (OH1) ISO 2858 / ISO 5199	■	■	■	■	■	■	■	
			GSD	Single stage, end suction general service pump	HI design (OH0)	■	■	■	■	■	■	■	
			SHD / ESK / SK / SKO SKV / ST / STV	Single stage, end suction pump (solids handling) in horizontal and vertical configurations	HI design (OH1)	■	■	■	■	■	■	■	
			SD / SDV	Single stage, end suction pump in horizontal and vertical installations	HI design (OH3A)	■	■	■	■	■	■	■	
			SWP	Self-priming pump for solids handling applications	HI design (OH1A)	■	■	■	■	■	■	■	
	Centerline Mounted		SCE	Horizontal, centerline supported, single stage process pump	API 610 (OH2)	■	■	■	■	■	■	■	
	Flexibly Coupled	Vertical In-Line	SPI	Vertical in-line process pump (flexibly coupled)	API 610 (OH3)	■	■	■	■	■	■	■	
Rigidly Coupled			IVP	Vertical in-line pump in split and close coupled configurations	HI design (OH4 / OH5)	■	■	■	■	■	■		
Close Coupled			IIL	Vertical in-line process pump (close coupled)	HI design (OH5) Dimensionally compliant with ANSI B73.2	■	■	■	■	■	■		
			SPN	Vertical in-line process pump (close coupled)	API 610 (OH5)	■	■	■	■	■	■		
			Horizontal	GSD-C	Single stage, general service pump (close coupled)	HI design (OH7)	■	■	■	■	■		
BETWEEN BEARING	1 and 2 stage	Axially Split	HSC / HSD / HSR / ZW	Horizontal, single stage, split case pumps	HI design (BB1)	■	■	■	■	■	■		
			HSM	Horizontal, 2 or 4 stage, split case pumps for high pressure applications	HI design (BB3)	■	■	■	■	■	■		
			ZM / ZMS / ZLM (diffuser) ZME (bottom suction)	Axially split, single or double stage, process pumps	API 610 (BB1)	■	■	■	■	■	■		
		Radially Split	HVN / J / JS / JD	Radially split, single stage, process pump	API 610 (BB2)	■	■	■	■	■	■		
			RON / RON-D	Radially split, two stage, heavy-duty process pump	API 610 (BB2)	■	■	■	■	■	■		
	Multi-stage	Axially Split	SM / SM-I	Axially split, multi-stage, double volute casing process pump	API 610 (BB3)	■	■	■	■	■	■		
			JTN	Axially split, multi-stage, diffuser casing process pump	API 610 (BB3)	■	■	■	■	■	■		
		Radially Split Single Casing	GP	Radially split, multi-stage, single case, ring-section type process pump	API 610 (BB4)	■	■	■	■	■	■		
		Radially Split Double Casing	A Line [A, AB, ADC, ADSL]	Radially split, multi-stage, double case, barrel type process pump	API 610 (BB5)	■	■	■	■	■	■		

# Vertical and Special Service Pumps

PRODUCT CATEGORY		RP MODEL	DESCRIPTION	DESIGN STANDARD	Oil & Gas	Power	Industrial	Water	Chemical	Mining	Fire		
VERTICAL	Single Casing	VTP	Multi-stage, vertical turbine pumps with diffuser type bowl	HI & API 610 (VS1)	■	■	■	■	■	■	■		
		VCT [TR, HX, KX, MX, RX, SX, VX, WX, VMF]	Single or multi-stage, mixed and radial flow circulating pumps for wet pit applications	HI & API 610 (VS1)	■	■	■	■	■	■	■		
		HQ	Standard, vertical circulator, multi-stage pump	HI & API 610 (VS1)	■	■	■	■	■	■	■		
		VLT	Single or multi-stage, vertical turbine pumps with diffuser type bowl	HI & API 610 (VS1)	■	■	■	■	■	■	■		
	Volute	DSV / DX	Heavy-duty, double suction, single or multi-stage, centrifugal pump	HI & API 610 (VS2)	■	■	■	■	■	■	■		
	Discharge through column - Axial flow	VAF [POV, PV, PMR, VPO, PVD]	Axial flow impeller for low head applications	HI & API 610 (VS3)	■	■	■	■	■	■	■		
	Separate discharge line	VSP / VSP-Chem	Single casing, sump pumps for wet pit applications	HI & API 610 (VS4)	■	■	■	■	■	■	■		
	Double Casing	Diffuser	VLT / VMT	Single or multi-stage, vertical canned pumps	HI & API 610 (VS6)	■	■	■	■	■	■	■	
		Volute	DSV / DX	Heavy-duty, double suction, single or multi-stage, canned centrifugal design	HI & API 610 (VS7)	■	■	■	■	■	■	■	
	Submersible Pumps	SMF [PVT, PV, SKT, STT, TRT]	Vertical submersible mixed flow pump for installation in a steel tube or concrete well	HI design (OH8A)			■	■					
VLT-Sub / VTP-Sub		Vertical submersible, single or multi-stage, turbine pumps with diffuser type bowl	HI design (VS0)	■			■			■			
SPECIAL SERVICE PUMPS	Pitot Tube Pumps	COMBITUBE	Single stage, pitot tube pump for low flow, high head applications	HI design	■		■		■				
	Reciprocating Pumps	RDP	Reciprocating plunger pumps in triplex and quintuplex formats	API 674 / ISO 13710	■	■	■		■				
	Vertical Turbine Generator	VTG	Multi-stage, vertical turbine generators (reverse running pumps)	HI design (VS6)	■	■	■		■				
	Barge	LS BARGE	Vertical high flow, self priming pump	HI design	■		■						
	Floating Dock Pumps	ZVZ	Single stage, double suction, floating dock pump	HI design					Main bilge pump on floating docks				
		LVZ	Single or multi-stage, single suction, floating dock pump	HI design					Wash-down pumps in floating docks / Fire protection service				
	Cryogenic Pumps	SVNV	OH2 pump in vertical configuration	-					Cryogenic closed systems Cryo services: Liquid nitrogen / Liquid oxygen Hydrocarbons / LNG				
		VTG Cryogenic	Multi-stage, vertical centrifugal pump and turbine generator for low temperature	-									
VLT Cryogenic / VLTV		Single or multi-stage, vertical pumps for low temperature, cryogenic liquids	-										
Pre-packaged Fire Pump Systems		Fire systems incorporate pumps, drivers, control systems and pipework in a single container. They can be skid mounted, with or without enclosure and supplied with electric motor or diesel engine.		NFPA 20-850 UL and FM approved components				Commercial, municipal and residential high-rise buildings, large industrial premises and storage warehouses, offshore and remote facilities, airports, power stations...					

## Creating the pumping technology that moves our world

Ruhrpumpen is an innovative and efficient pump technology company that offers highly-engineered and standard pumping solutions for the oil & gas, power generation, industrial, water and chemical markets. We offer a broad range of centrifugal and reciprocating pumps that meet and exceed the requirements of the most demanding quality specifications and industry standards such as API, ANSI, UL, FM, ISO and Hydraulic Institute.