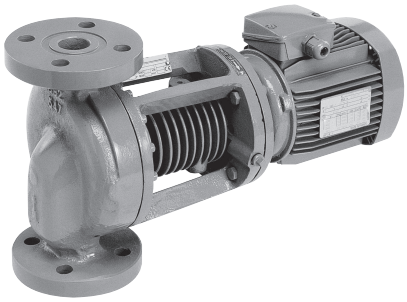
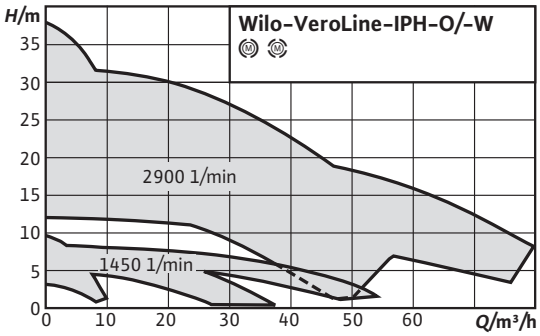
Series description: Wilo-VeroLine-IPH-W





Design
Glanded pump in in-line design with flange connection

Application
For pumping hot water without abrasive matter in closed industrial circulation systems, district heating, closed heating systems, etc.

Type key

Example	**IPHW 65/1251.1/4**
IPHW	In-line pump for hot water applications
65	Nominal diameter DN of the pipe connection
125	Impeller diameter
1,1	Nominal motor power P_2 in kW
4	Number of poles

Special features/product advantages
- From 0.75 kW, motors equipped as standard with IE2 technology with higher efficiency
- Bidirectional, self-cooled mechanical seal
- Great variety of applications by a large fluid temperature range without additional wearing parts

Technical data
- Permissible temperature range 10 °C to +210 °C at max. 23 bar
- Mains connection 3~400 V, 50 Hz (others on request)
- Protection class IP 55
- Nominal diameter DN 20 to DN 80

Description/design
Single-stage, low-pressure centrifugal pump in in-line design with
- Mechanical seal
- Flange connection
- Lantern
- Motor with special shaft

Materials
- Pump housing: Cast steel 1.0625
- Lantern: EN-GJS-400-15
- Impeller: EN-GJL-250
- Shaft: Stainless steel 1.4005
- Mechanical seal: AQ1EGG; other mechanical seals on request

Scope of delivery
- Pump
- Installation and operating instructions
- Prewelding counter flanges
- Flange seals

Accessories
- PTC thermistor sensors, PTC resistor tripping relays, special motors

General notes – ErP (ecological design-) directive
- The benchmark for most efficient water pumps is MEI ≥ 0.70
- The efficiency of a pump with a trimmed impeller is usually lower than that of a pump with the full impeller diameter. The trimming of the impeller will adapt the pump to a fixed duty point, leading to reduced energy consumption. The minimum efficiency index (MEI) is based on the full impeller diameter.
- The operation of this water pump with variable duty points may be more efficient and economic when controlled, for example, by the use of a variable speed drive that matches the pump duty to the system.
- Information on benchmark efficiency is available at www.europump.org/efficiencycharts

Product list: Wilo-VeroLine-IPH-W

Type	Nominal speed	Weight approx.	Art no.
	n / rpm	*m / kg*	
IPH-W 20/160-0.37/4	1425	28	4089415
IPH-W 20/160-1.1/2	2825	33	2105758
IPH-W 32/125-0.18/4	1410	23	4089416
IPH-W 32/125-0.75/2	2800	26	2105759
IPH-W 32/170-0.37/4	1425	30	4089417
IPH-W 32/170-2.2/2	2850	42	2105760
IPH-W 65/110-2.2/2	2850	44	2105761
IPH-W 65/125-1.1/4	1415	44	2105753
IPH-W 65/125-2.2/2	2850	44	2105762
IPH-W 65/140-1.1/4	1415	44	2105754
IPH-W 65/140-4/2	2840	72	2105763
IPH-W 65/160-1.1/4	1415	44	2105755
IPH-W 65/160-4/2	2840	72	2105764
IPH-W 80/110-2.2/2	2850	52	2105765
IPH-W 80/140-1.1/4	1415	46	2105756
IPH-W 80/140-4/2	2840	80	2105766
IPH-W 80/160-1.1/4	1415	59	2105757

Variants: Wilo-VeroLine-IPH-W

Approved fluids (other fluids on request)	
Heat transfer oil	–
Permitted field of application	
Outdoor installation	Special version at additional charge
Materials	
Other mechanical seals	On request
Motor/electronics	
Integrated full motor protection	Special version with PTC thermistor sensor (KLF) at additional charge
Speed control	Wilo control system

• = available, = not available