

## Series description: Wilo-HiPeri

Wilo-HiPeri



Similar to figure

### Construction

Non self-priming peripheral pump

### Application

- ➔ Water distribution/boosting
- ➔ Raw water intake
- ➔ Sprinkling and spraying
- ➔ Rainwater utilisation

### Scope of delivery

- ➔ Pump
- ➔ Installation and operating instructions

### Type key

Example	<b>HiPeri 1-4</b>
<b>HiPeri</b>	peripheral pump
<b>1</b>	Entry level
<b>4</b>	Max. delivery head (40m)

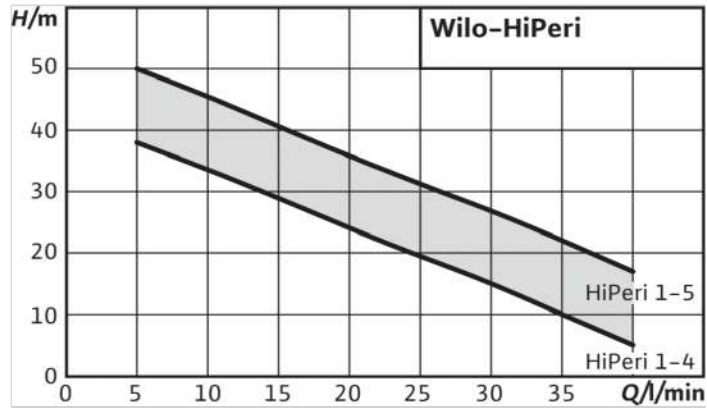
### Technical data

- ➔ Max. fluid temperature: 60 °C
- ➔ Max. Ambient temperature: 40 °C
- ➔ Max. operating pressure: 6.5 bar
- ➔ Permanent or intermittent operation
- ➔ Max. connections per hour: 20
- ➔ Suction head: up to 8m
- ➔ Insulation class: 155 (F)
- ➔ Protection class: IPX4
- ➔ Sound-pressure level: LpA < 70dBA

### Materials

- ➔ Pump housing made of grey cast iron EN- GJL 200
- ➔ Lantern/motor bearing aluminium with brass inserts
- ➔ Impeller brass CW617N
- ➔ Shaft 1.4305 stainless steel
- ➔ O-rings nitrile (NBR)
- ➔ Mechanical seal made of carbon/ceramic/NBR

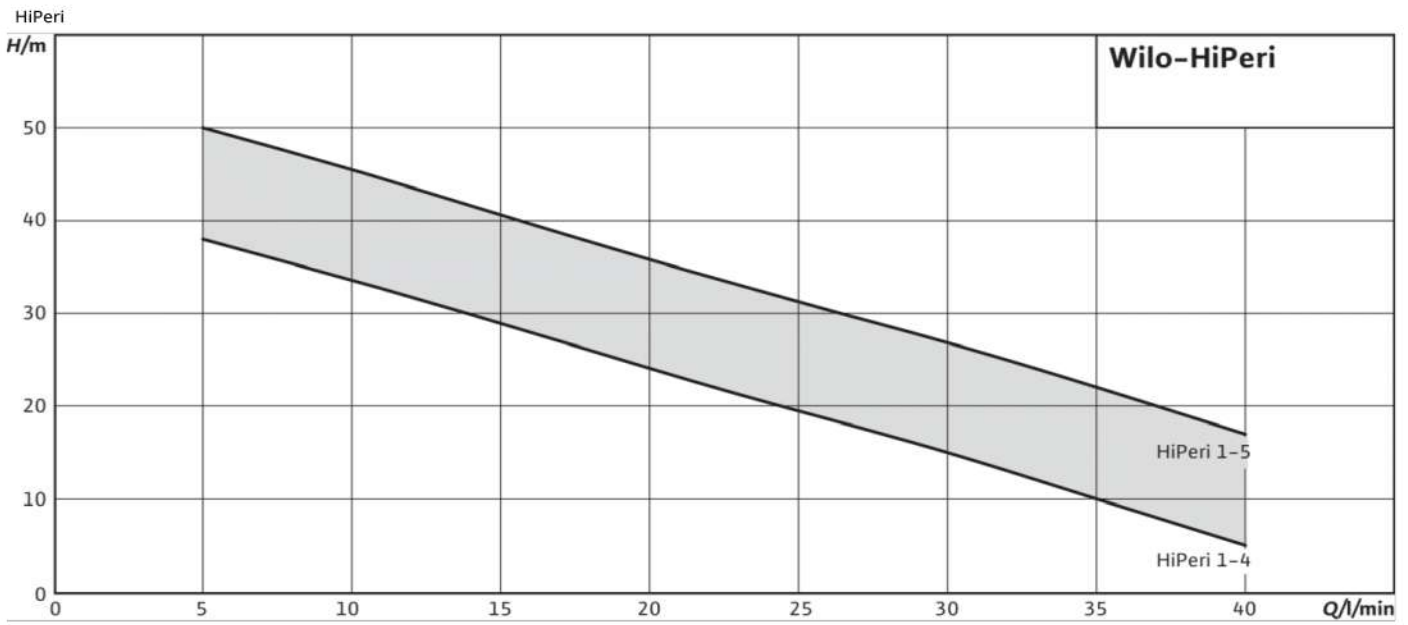
HiPeri



### Your advantages

- ➔ Easy handling due to its light weight, perfect for continuous operation
- ➔ Brass impeller for fluids up to 60 °C
- ➔ Efficiently thanks to low power consumption with maximum delivery head and maximum volume flow
- ➔ Up to 7 m negative suction head
- ➔ Expandable with electronic control of pumps Wilo-HiControl 1

## Duty chart: Wilo-HiPeri



## Product list: Wilo-HiPeri

Product description	Mains connection	Rated power $P_2$	Gross weight, approx. $m$	Article number
HiPeri 1-4	1~230 V, 50 Hz	0.37 kW	5.2 kg	4186197
HiPeri 1-5	1~230 V, 50 Hz	0.55 kW	6.6 kg	4186198

## Data sheet: HiPeri 1-4

### Hydraulic data

Maximum operating pressure $P_N$	7 bar
Pressure port	Rp 1
Max. delivery head $H$	20.00 m
Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	60 °C
Min. ambient temperature $T_{min}$	5 °C
Max. ambient temperature $T_{max}$	40 °C

### Materials

Pump housing	Cast iron
Impeller	Brass
Shaft	Stainless steel
Shaft seal	BVPPF
Gasket material	NBR

### Information for order placements

Brand	Wilo
Product description	HiPeri 1-4
EAN number	4048482385129
Article number	4186197
Net weight, approx. $m$	5 kg
Gross weight, approx. $m$	5.2 kg
Length with packaging	226 mm
Height with packaging	166 mm
Width with packaging	132 mm
Packaging property	Sales packaging
Packaging type	Cardboard box
Minimum order quantity	1

### Motor data

Mains connection	1-230 V, 50 Hz
Voltage tolerance	±10 %
Shaft power $P_2(Q=\text{max.})$ of selected impeller * number of pumps	370 W
Rated power $P_2$	0.37 kW
Rated current $I_N$	2.50 A
Rated speed $n$	2900 1/min
Insulation class	F
Protection class	X4

### Installation dimensions

Pipe connection on the suction side $D_Ns$	Rp 1
Pipe connection on the pressure side $D_Nd$	Rp 1

## Data sheet: HiPeri 1-5

### Hydraulic data

Maximum operating pressure $P_N$	7 bar
Pressure port	Rp 1
Max. delivery head $H$	20.00 m
Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	60 °C
Min. ambient temperature $T_{min}$	5 °C
Max. ambient temperature $T_{max}$	40 °C

### Materials

Pump housing	Cast iron
Impeller	Brass
Shaft	Stainless steel
Shaft seal	BVPPF
Gasket material	NBR

### Information for order placements

Brand	Wilo
Product description	HiPeri 1-5
EAN number	4048482385136
Article number	4186198
Net weight, approx. $m$	6 kg
Gross weight, approx. $m$	6.6 kg
Length with packaging	259 mm
Height with packaging	173 mm
Width with packaging	135 mm
Packaging property	Sales packaging
Packaging type	Cardboard box
Minimum order quantity	1

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Shaft power $P_2(Q=\max.)$ of selected impeller * number of pumps	550 W
Rated power $P_2$	0.55 kW
Rated current $I_N$	3.70 A
Rated speed $n$	2900 1/min
Insulation class	F
Protection class	X4

### Installation dimensions

Pipe connection on the suction side $DN_s$	Rp 1
Pipe connection on the pressure side $DN_d$	Rp 1