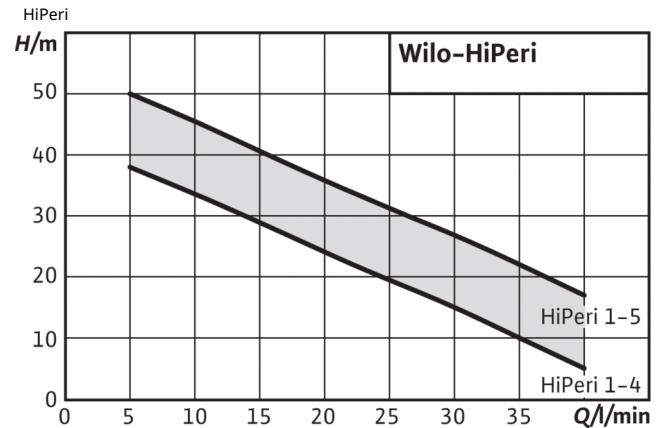


Series description: Wilo-HiPeri

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	HiPeri 1-4
HiPeri	peripheral pump
1	Entry level
4	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

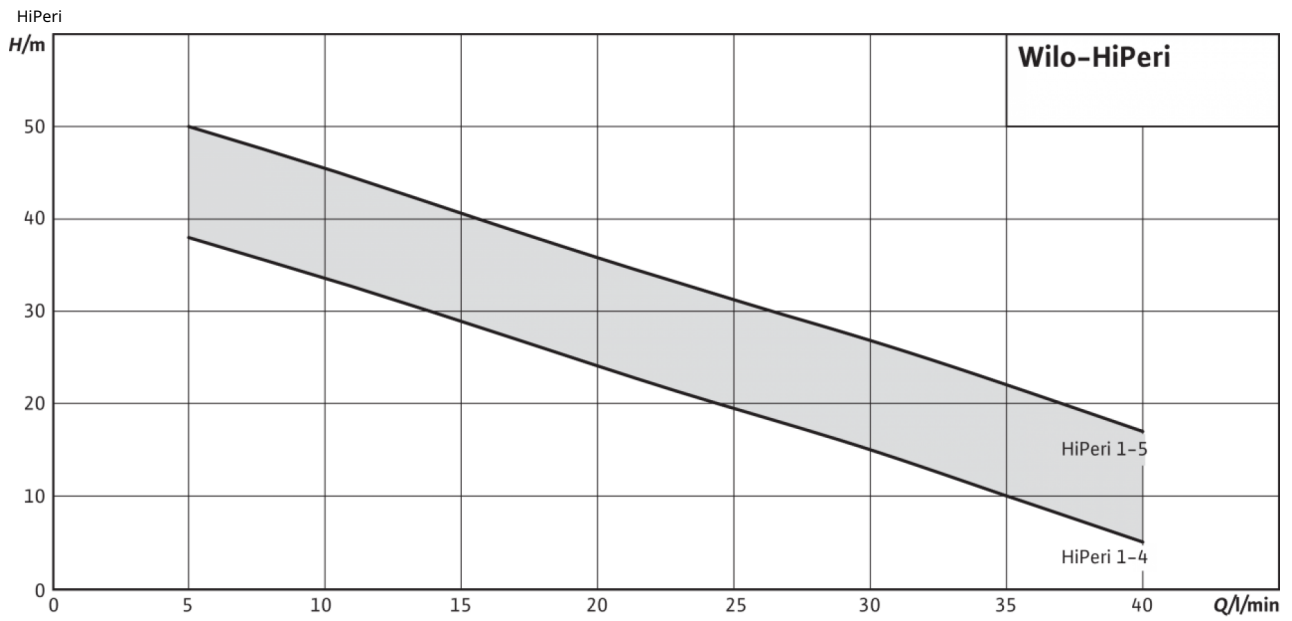
Materials

- 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

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 $P_2(Q=\max.)$ 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