

<b>Wilo-Jet WJ</b>	<b>2</b>
Jet WJ 202 (1~230 V)	4
Jet WJ 202 X (1~230 V)	8
Jet WJ 203 (1~230 V)	12
Jet WJ 203 X (1~230 V)	16
Jet WJ 203 X (3~230/400 V)	20
Jet WJ 204 (1~230 V)	24
Jet WJ 204 X (1~230 V)	28
Jet WJ 204 X (3~230/400 V)	32



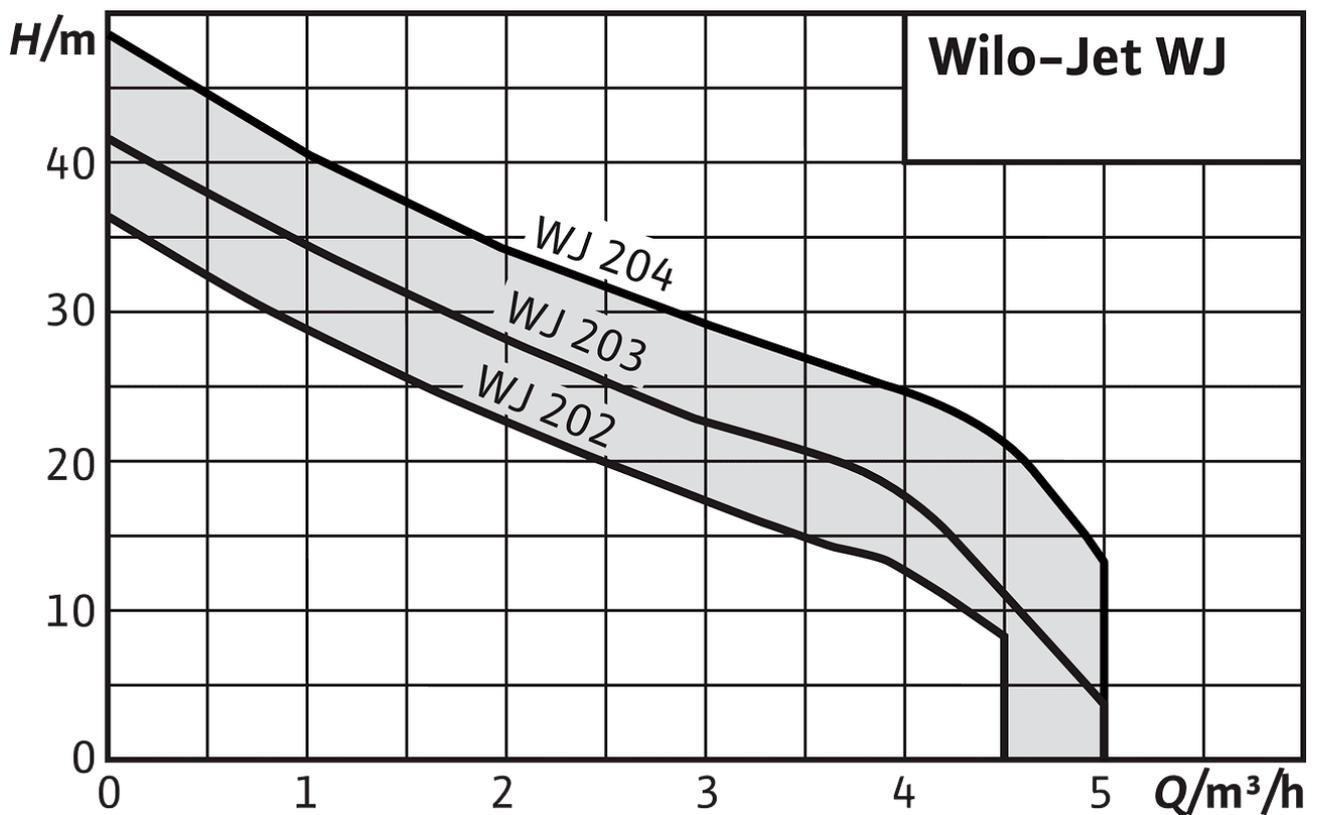
**Your advantages**

- > User-friendly thanks to its light weight, compact size and practical carrying handle
- > High supply guarantee due to hydraulic output, self-priming up to 8 m (also at a low flow rate)
- > Robust stainless steel construction for durable operation, impeller, shaft and housing made of AISI 304
- > IE3-IEC three-phase AC motor ( $\geq 0.75$  kW)

**Recommended services**



Wilo-Live Assistant



**Design**

Self-priming multistage centrifugal pumps

**Application**

- > Pumping water from wells
- > Filling, pumping empty, transferring by pumping, irrigation and sprinkling
- > As emergency pump for overflows

**Equipment/function**

- > With or without carrying handle, depending on version
- > For single-phase motor (1~230V):
  - > Connection cable with plug
  - > On/off switch
  - > Thermal motor protection switch

**Typekey**

Example: **WJ-203-X-EM**  
**WJ** Wilo jet pumps  
**2** Nominal flow rate Q in m<sup>3</sup>/h at optimum efficiency  
**03** Index for pump pressure □ Version 03 with higher pressure than version 02 □ (no indication of number of impellers!)  
**X** Version without carrying frame  
**[Space]** Portable version with carrying frame  
**EM** Single-phase current, 1~230 V, 50 Hz  
**DM** Three-phase current, 3~230/400 V, 50 Hz

**Technical data**

- > Mains connection 1~230 V, 50 Hz or 3~400 V, 50 Hz
- > Inlet pressure max 2 bar
- > Fluid temperature max. +5 °C to +35 °C
- > Max. operating pressure 6 bar
- > Protection class IP 44
- > Suction- and pressure-side connection G 1

**Materials**

- > Pump housing stainless steel 1.4301
- > Impeller made of 1.4301 stainless steel
- > Shaft made of 1.4005 stainless steel
- > Mechanical seal made of ceramic/carbon
- > Diffuser/injector made of Noryl
- > Seals made of NBR

**Scope of delivery**

- > Pump
- > With or without carrying handle, depending on version
- > Installation and operating instructions

**Product list**

Product description	Article number
Jet WJ 202 (1~230 V)	4081224
Jet WJ 202 X (1~230 V)	4081221
Jet WJ 203 (1~230 V)	4081225
Jet WJ 203 X (1~230 V)	4081222
Jet WJ 203 X (3~230/400 V)	4212734
Jet WJ 204 (1~230 V)	4144401
Jet WJ 204 X (1~230 V)	4143999
Jet WJ 204 X (3~230/400 V)	4212735



Similar to figure

## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	6 bar
Pressure port	G 1
Max. delivery head $H$	34 m
Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	-15 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±6 %
Rated power $P_2$	0.55 kW
Rated current $I_N$	4 A
Rated speed $n$	2900 1/min
Insulation class	B
Protection class motor	IP44

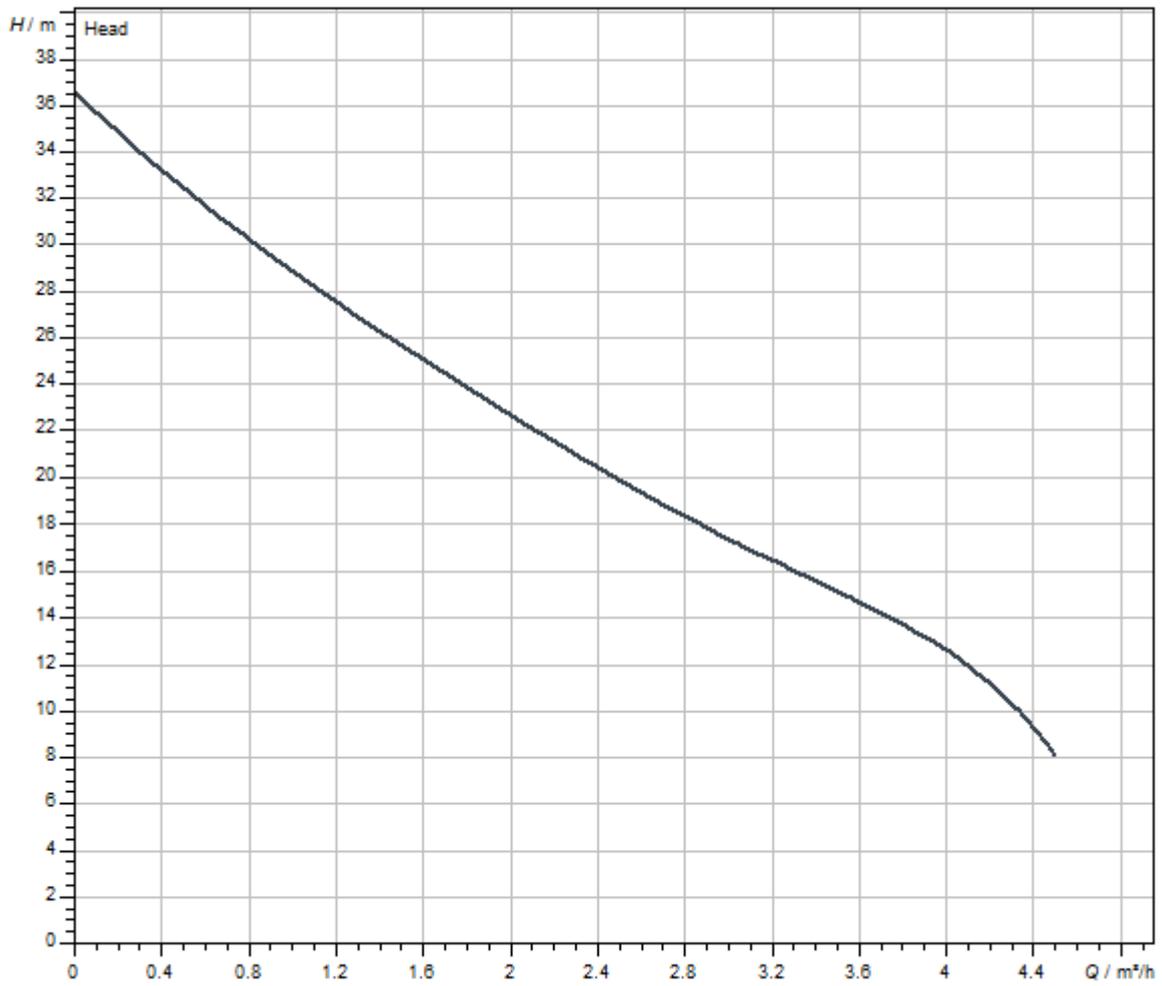
### Materials

Pump housing	Stainless steel
Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

### Installation dimensions

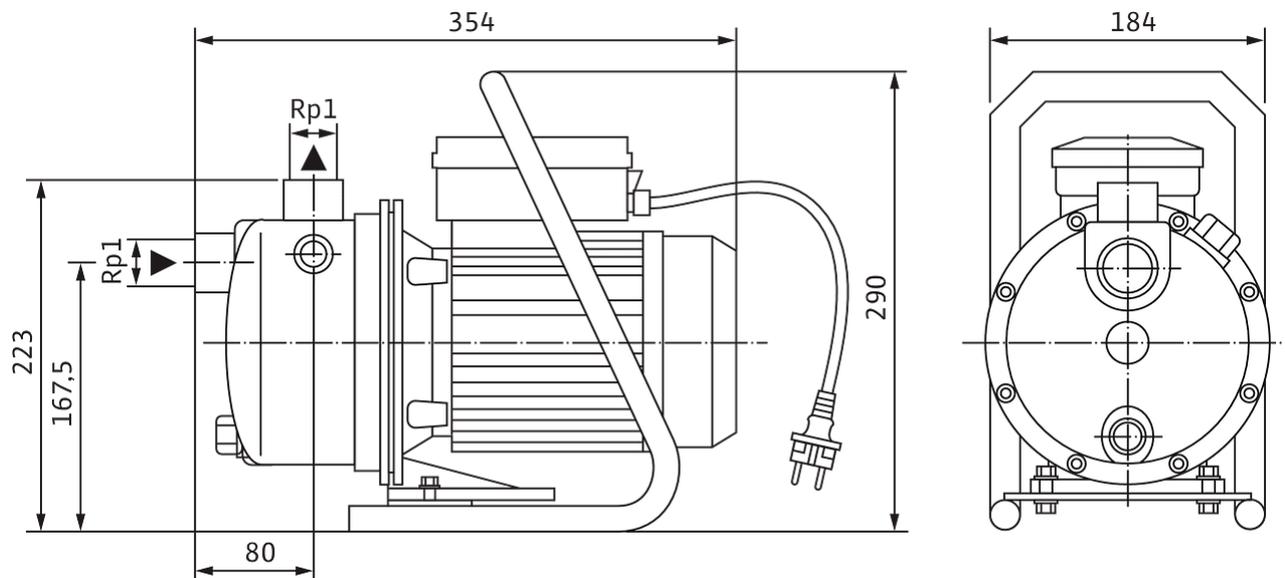
Pipe connection on the suction side $DNs$	G 1
Pipe connection on the discharge side $DNd$	G 1

Pump curves



Dimensions and dimensions drawings

Jet-WJ



### Tender text

- Self-priming single stage jet pump for water supply, irrigation and rainwater re-use applications.
- Self-priming capacity up to 8m thanks to integrated Venturi system.
- The pump is easy to use thanks to its embedded ON/OFF switch.
- Wilo-WJ is supplied with integrated handle, Wilo-WJ-X is supplied without handle.
- Ready for connection thanks to its already connected 2 meters electrical cable with shock-proof Schuko plug.
- Connection via terminal box for three-phase versions.
- All parts that come into contact with the fluid are corrosion-proof.

### Materials

Pump housing	Stainless steel
Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

### Operating Data

Min. fluid temperature $T_{\min}$	5 °C
Max. fluid temperature $T_{\max}$	35 °C
Maximum operating pressure $p$	10.0 bar
Pressure port	G 1
Max. ambient temperature $T_{\max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±6 %
Rated power $P_2$	0.55 kW
Rated current $I_N$	4 A
Rated speed $n$	2900 1/min
Insulation class	B
Protection class	IP44

### Installation dimensions

Pipe connection on the suction side $DN_s$	G 1
Pipe connection on the discharge side $DN_d$	G 1

### Ordering information

Net weight, approx. $m$	9.6 kg
Brand	Wilo
Product description	Jet WJ 202 (1~230 V)
Article number	<a href="#">4081224</a>



Similar to figure

## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	6 bar
Pressure port	G 1
Max. delivery head $H$	34 m
Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	-15 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±6 %
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Rated current $I_N$	4 A
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Insulation class	B
Protection class motor	IP44

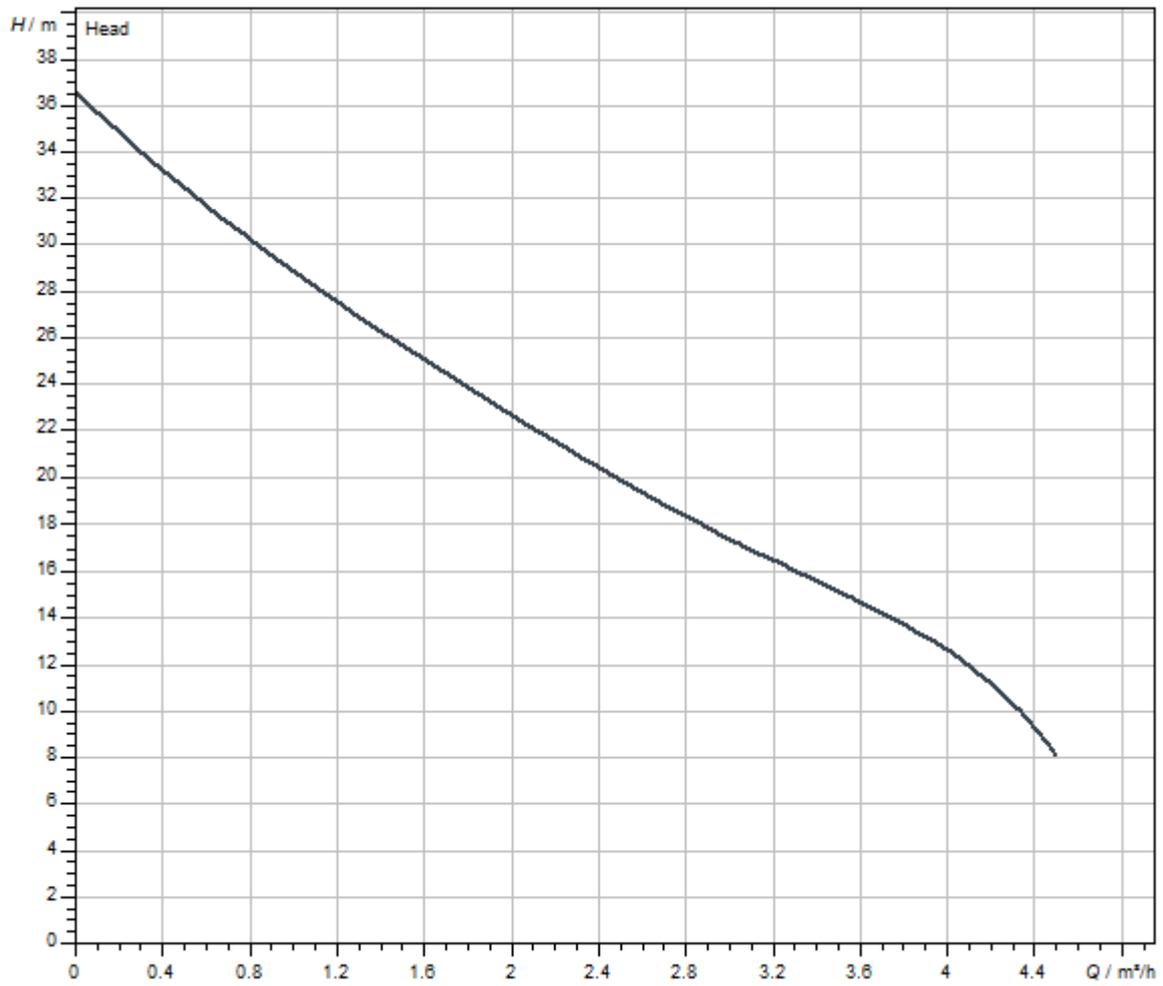
### Materials

Pump housing	Stainless steel
Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

### Installation dimensions

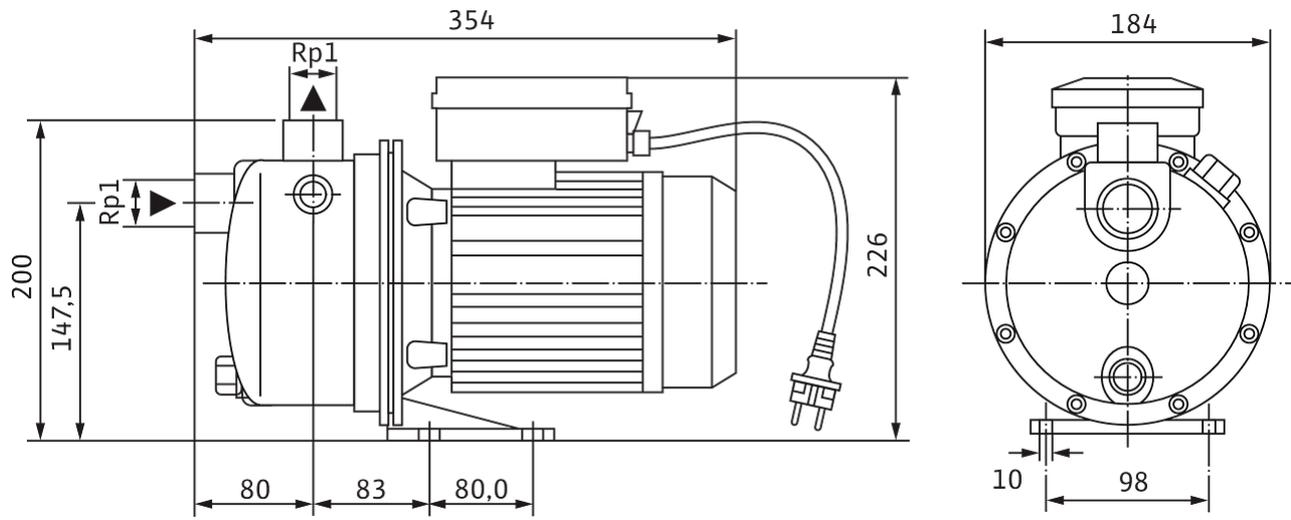
Pipe connection on the suction side $DNs$	G 1
Pipe connection on the discharge side $DNd$	G 1

Pump curves



Dimensions and dimensions drawings

Jet-WJ



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**Materials**

Pump housing	Stainless steel
Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

**Operating Data**

Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	35 °C
Maximum operating pressure $p$	10.0 bar
Pressure port	G 1
Max. ambient temperature $T_{max}$	40 °C

**Motor data**

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±6 %
Rated power $P_2$	0.55 kW
Rated current $I_N$	4 A
Rated speed $n$	2900 1/min
Insulation class	B
Protection class	IP44

**Installation dimensions**

Pipe connection on the suction side $DN_s$	G 1
Pipe connection on the discharge side $DN_d$	G 1

**Ordering information**

Net weight, approx. $m$	8.9 kg
Brand	Wilo
Product description	Jet WJ 202 X (1~230 V)
Article number	4081221



Similar to figure

## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	6 bar
Pressure port	G 1
Max. delivery head $H$	43 m
Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	-15 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±6 %
Rated power $P_2$	0.75 kW
Rated current $I_N$	5.2 A
Rated speed $n$	2900 1/min
Insulation class	B
Protection class motor	IP44

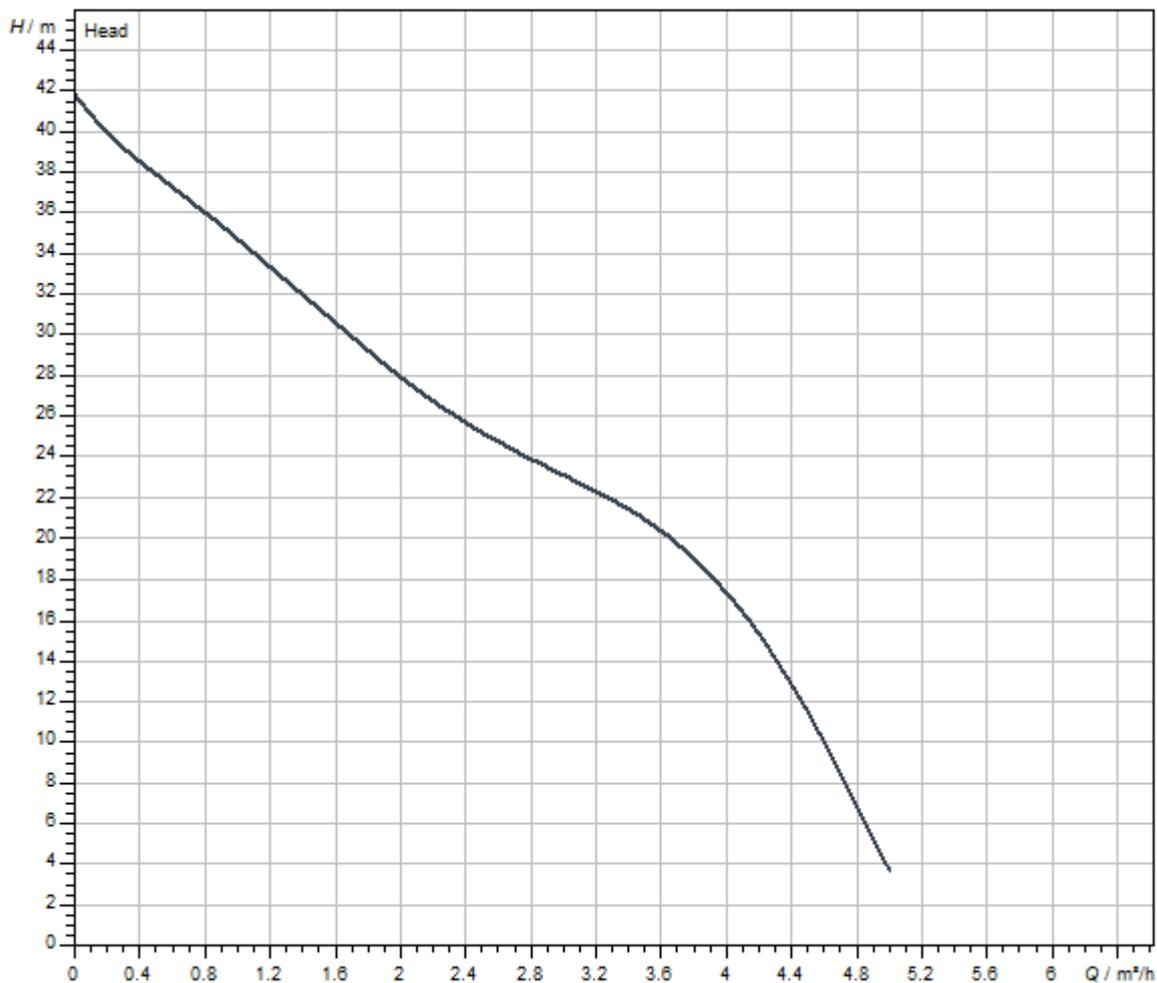
### Materials

Pump housing	Stainless steel
Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

### Installation dimensions

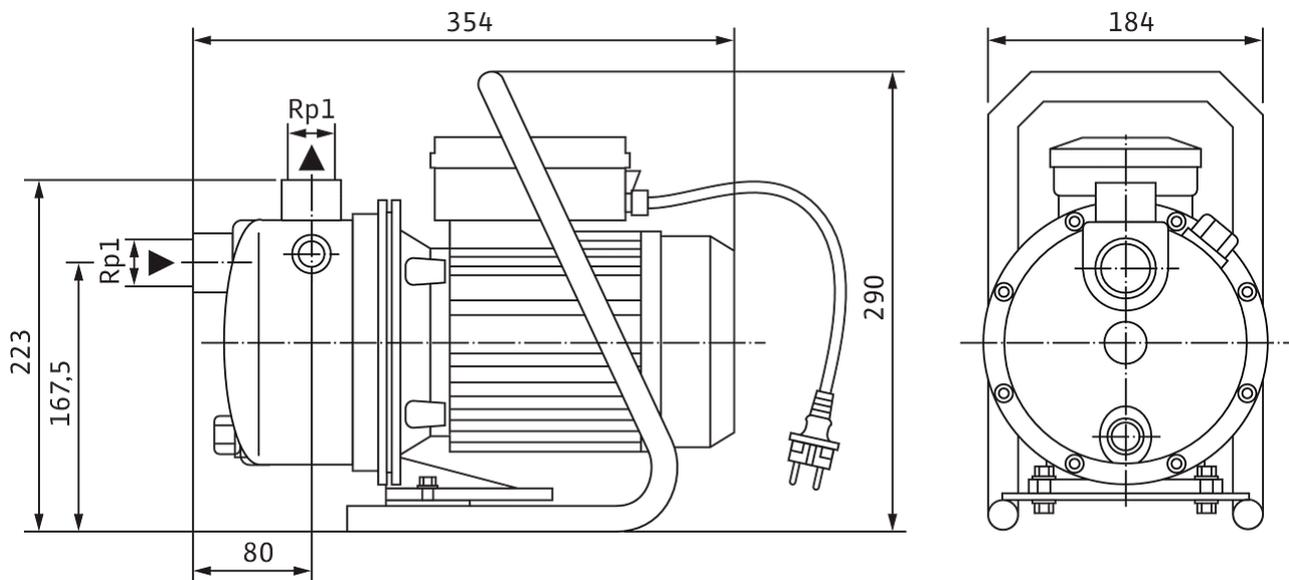
Pipe connection on the suction side $DNs$	G 1
Pipe connection on the discharge side $DNd$	G 1

### Pump curves



Dimensions and dimensions drawings

Jet-WJ



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- Connection via terminal box for three-phase versions.
- All parts that come into contact with the fluid are corrosion-proof.

**Materials**

Pump housing	Stainless steel
Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

**Operating Data**

Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	35 °C
Maximum operating pressure $p$	10.0 bar
Pressure port	G 1
Max. ambient temperature $T_{max}$	40 °C

**Motor data**

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±6 %
Rated power $P_2$	0.75 kW
Rated current $I_N$	5.2 A
Rated speed $n$	2900 1/min
Insulation class	B
Protection class	IP44

**Installation dimensions**

Pipe connection on the suction side $DNs$	G 1
Pipe connection on the discharge side $DNd$	G 1

**Ordering information**

Net weight, approx. $m$	10.6 kg
Brand	Wilo
Product description	Jet WJ 203 (1~230 V)
Article number	4081225



Similar to figure

## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	6 bar
Pressure port	G 1
Max. delivery head $H$	43 m
Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	-15 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±6 %
Rated power $P_2$	0.75 kW
Rated current $I_N$	5.2 A
Rated speed $n$	2900 1/min
Insulation class	B
Protection class motor	IP44

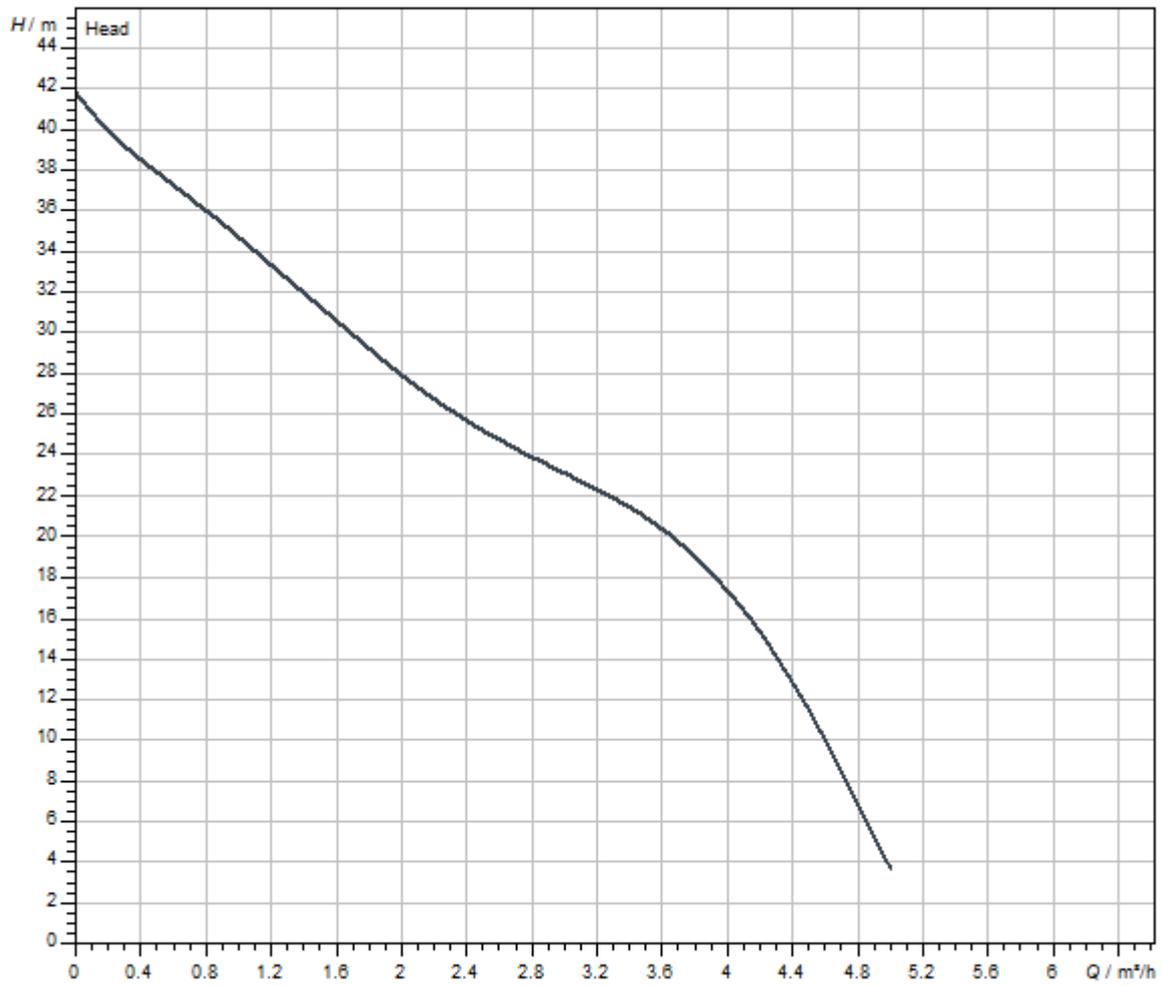
### Materials

Pump housing	Stainless steel
Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

### Installation dimensions

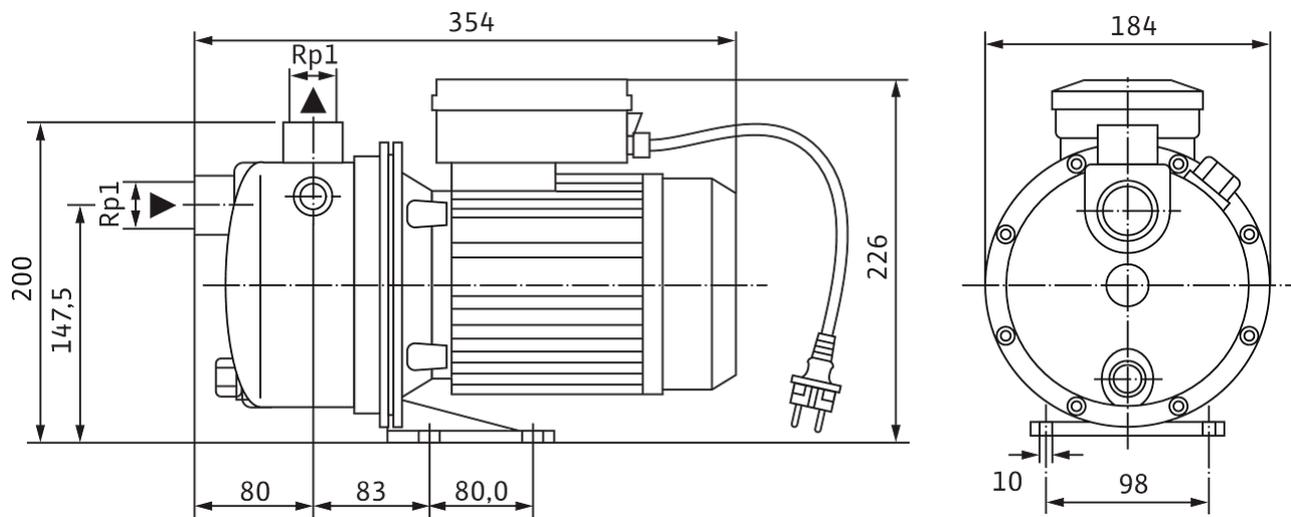
Pipe connection on the suction side $DNs$	G 1
Pipe connection on the discharge side $DNd$	G 1

Pump curves



Dimensions and dimensions drawings

Jet-WJ



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**Materials**

Pump housing	Stainless steel
Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

**Operating Data**

Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	35 °C
Maximum operating pressure $p$	10.0 bar
Pressure port	G 1
Max. ambient temperature $T_{max}$	40 °C

**Motor data**

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±6 %
Rated power $P_2$	0.75 kW
Rated current $I_N$	5.2 A
Rated speed $n$	2900 1/min
Insulation class	B
Protection class	IP44

**Installation dimensions**

Pipe connection on the suction side $DN_s$	G 1
Pipe connection on the discharge side $DN_d$	G 1

**Ordering information**

Net weight, approx. $m$	9.9 kg
Brand	Wilo
Product description	Jet WJ 203 X (1~230 V)
Article number	4081222



Similar to figure

## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	6 bar
Pressure port	G 1
Max. delivery head $H$	43 m
Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	-15 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	3~230 V, 3~400 V, 50 Hz
Voltage tolerance	±6 %
Rated power $P_2$	0.75 kW
Rated current $I_N$	3.1 A
Rated speed $n$	2900 1/min
Insulation class	B
Protection class motor	IP44

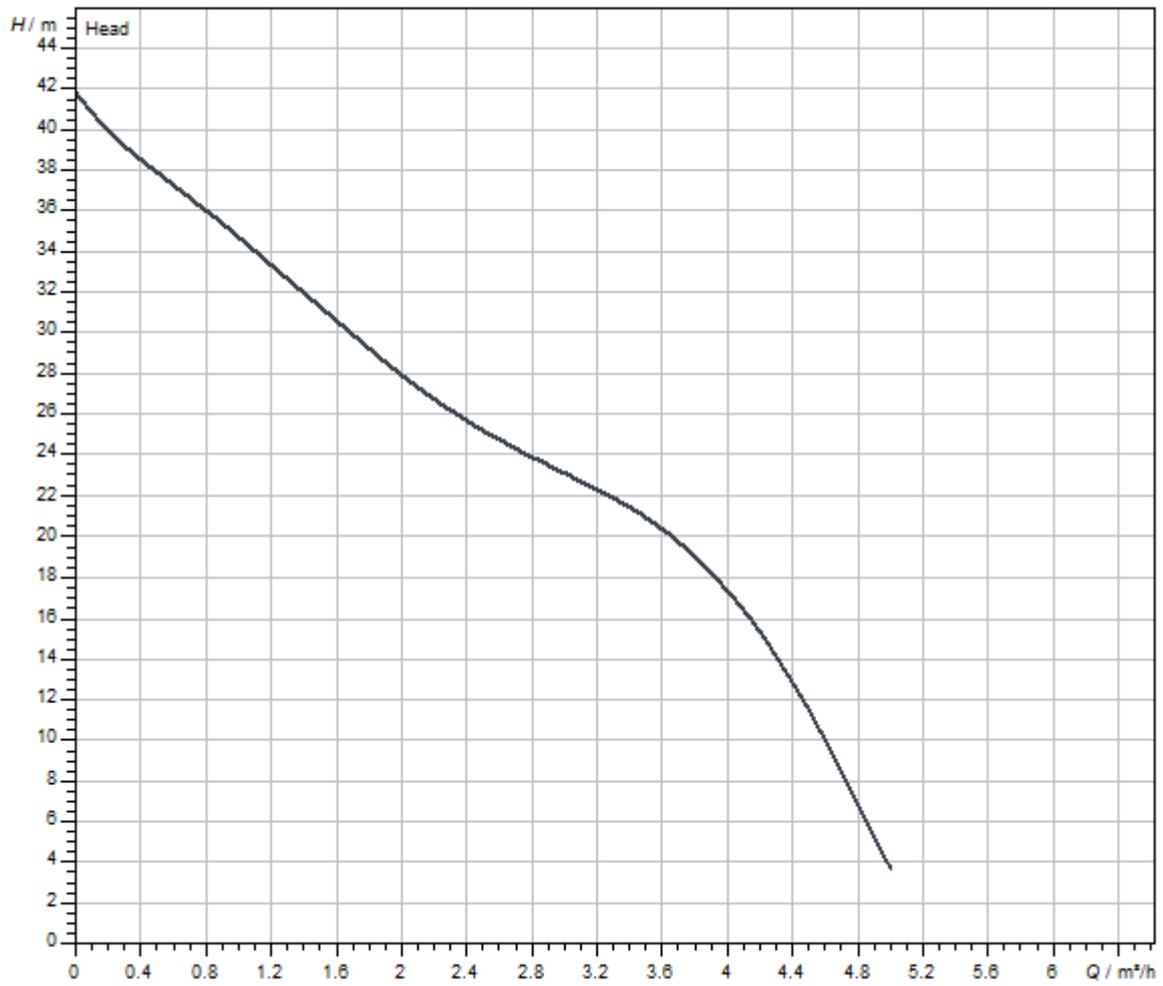
### Materials

Pump housing	Stainless steel
Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

### Installation dimensions

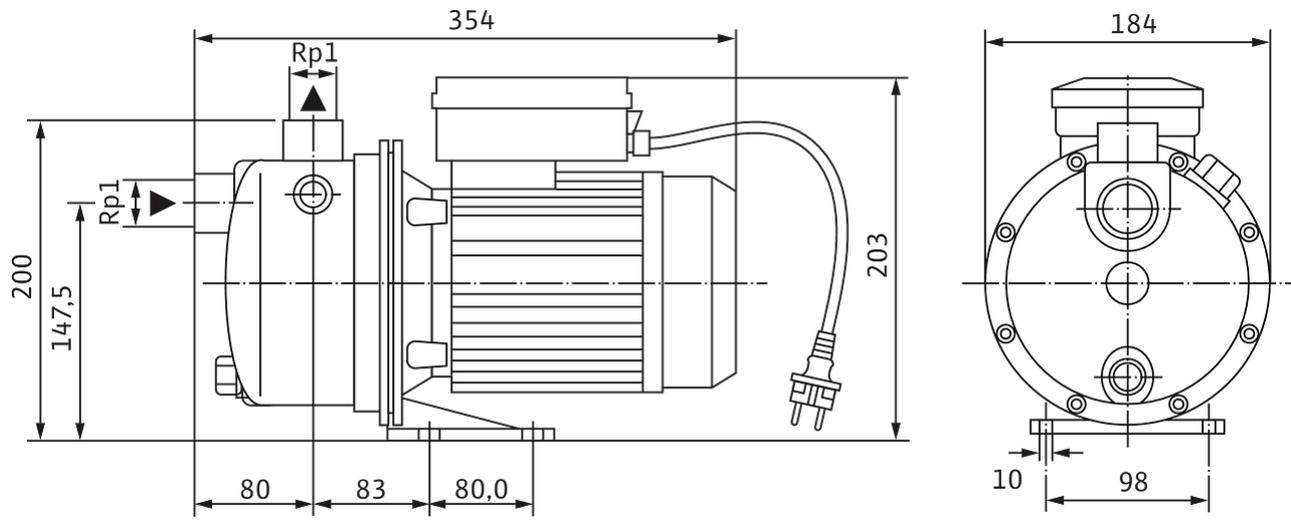
Pipe connection on the suction side $DNS$	G 1
Pipe connection on the discharge side $DND$	G 1

### Pump curves



Dimensions and dimensions drawings

Jet-WJ



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**Materials**

Pump housing	Stainless steel
Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

**Operating Data**

Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	35 °C
Maximum operating pressure $p$	10.0 bar
Pressure port	G 1
Max. ambient temperature $T_{max}$	40 °C

**Motor data**

Mains connection	3~230 V, 3~400 V, 50 Hz
Voltage tolerance	±6 %
Rated power $P_2$	0.75 kW
Rated current $I_N$	3.1 A
Rated speed $n$	2900 1/min
Insulation class	B
Protection class	IP44

**Installation dimensions**

Pipe connection on the suction side $DN_s$	G 1
Pipe connection on the discharge side $DN_d$	G 1

**Ordering information**

Net weight, approx. $m$	9.6 kg
Brand	Wilo
Product description	Jet WJ 203 X (3~230/400 V)
Article number	4212734



Similar to figure

## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	6 bar
Pressure port	G 1
Max. delivery head $H$	50 m
Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	-15 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±6 %
Rated power $P_2$	1 kW
Rated current $I_N$	6.2 A
Rated speed $n$	2900 1/min
Insulation class	B
Protection class motor	IP44

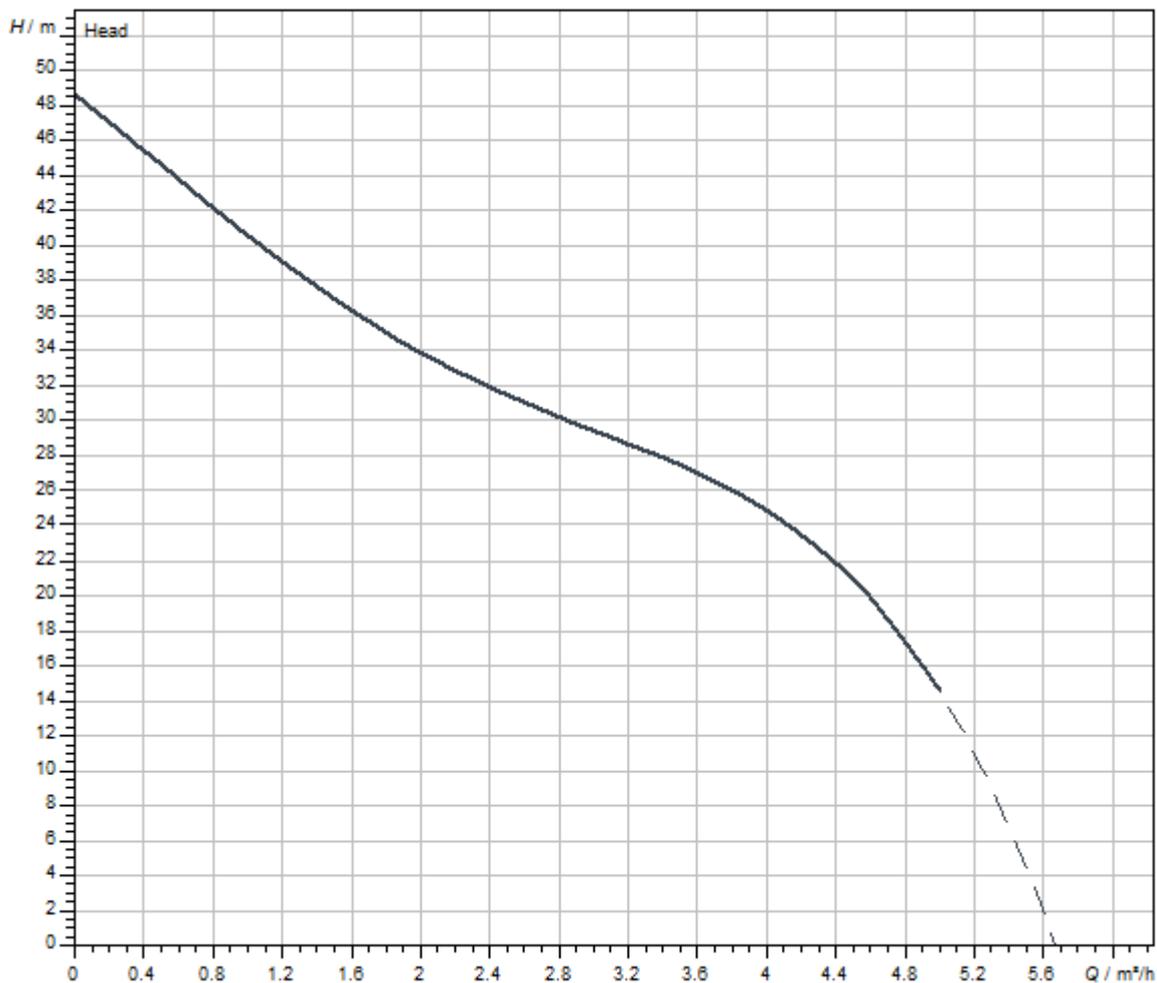
### Materials

Pump housing	Stainless steel
Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

### Installation dimensions

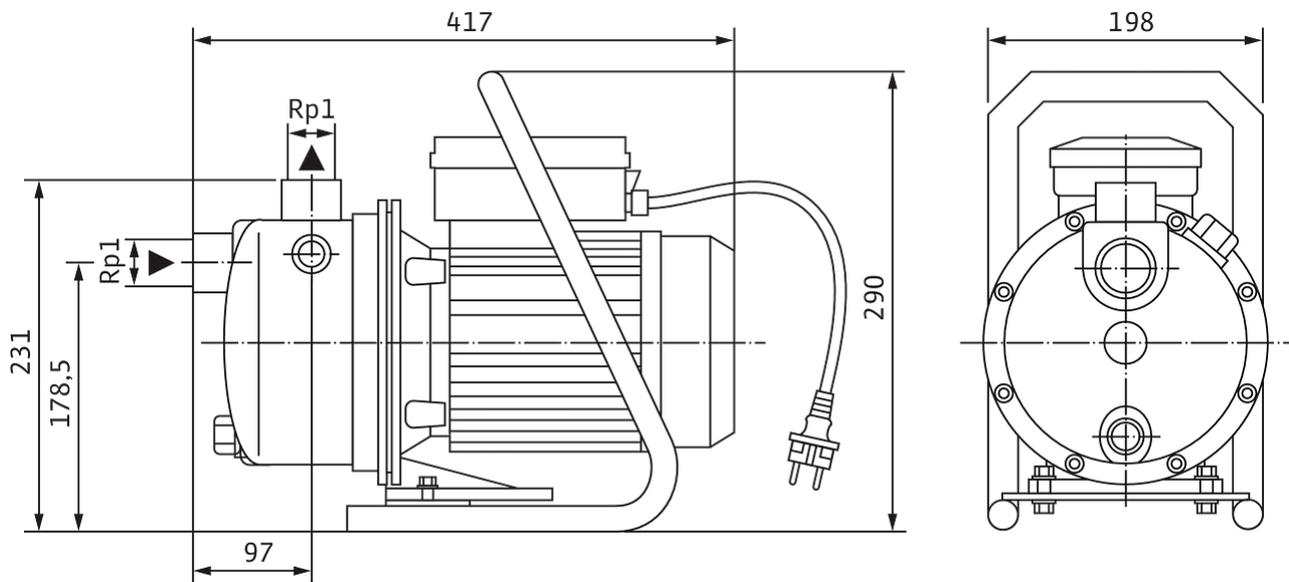
Pipe connection on the suction side $DNs$	G 1
Pipe connection on the discharge side $DNd$	G 1

Pump curves



Dimensions and dimensions drawings

Jet-WJ



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**Materials**

Pump housing	Stainless steel
Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

**Operating Data**

Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	35 °C
Maximum operating pressure $p$	10.0 bar
Pressure port	G 1
Max. ambient temperature $T_{max}$	40 °C

**Motor data**

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±6 %
Rated power $P_2$	1 kW
Rated current $I_N$	6.2 A
Rated speed $n$	2900 1/min
Insulation class	B
Protection class	IP44

**Installation dimensions**

Pipe connection on the suction side $DN_s$	G 1
Pipe connection on the discharge side $DN_d$	G 1

**Ordering information**

Net weight, approx. $m$	12 kg
Brand	Wilo
Product description	Jet WJ 204 (1~230 V)
Article number	4144401



Similar to figure

## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	6 bar
Pressure port	G 1
Max. delivery head $H$	50 m
Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	-15 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±6 %
Rated power $P_2$	1 kW
Rated current $I_N$	6.2 A
Rated speed $n$	2900 1/min
Insulation class	B
Protection class motor	IP44

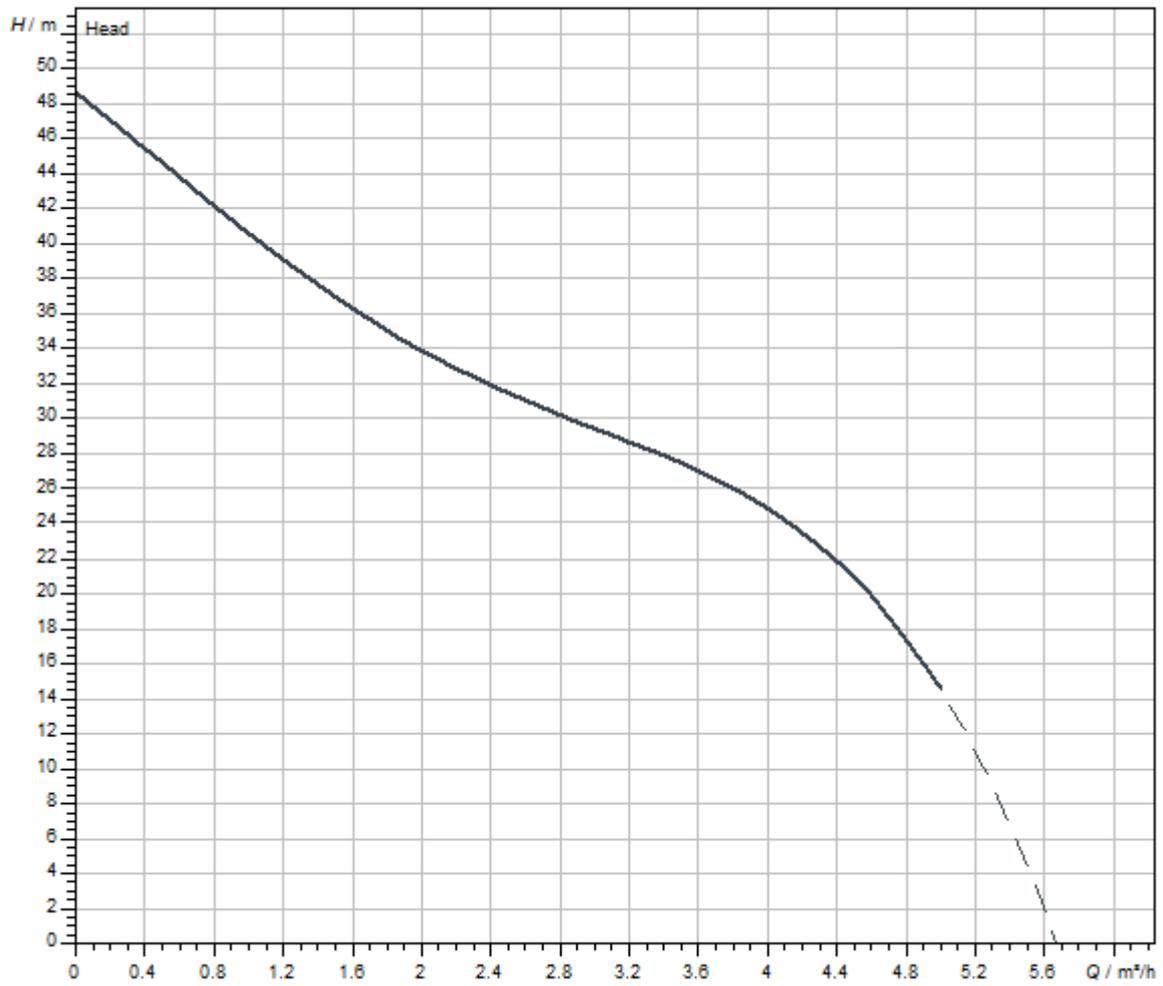
### Materials

Pump housing	Stainless steel
Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

### Installation dimensions

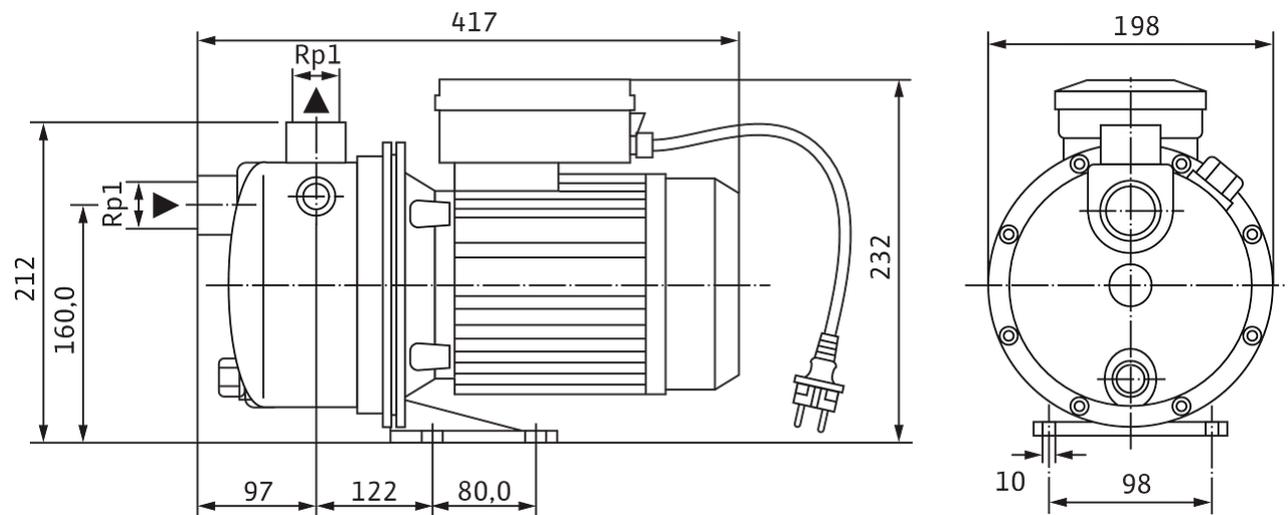
Pipe connection on the suction side $DNs$	G 1
Pipe connection on the discharge side $DNd$	G 1

Pump curves



Dimensions and dimensions drawings

Jet-WJ



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Pump housing	Stainless steel
Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

**Operating Data**

Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	35 °C
Maximum operating pressure $p$	10.0 bar
Pressure port	G 1
Max. ambient temperature $T_{max}$	40 °C

**Motor data**

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±6 %
Rated power $P_2$	1 kW
Rated current $I_N$	6.2 A
Rated speed $n$	2900 1/min
Insulation class	B
Protection class	IP44

**Installation dimensions**

Pipe connection on the suction side $DN_s$	G 1
Pipe connection on the discharge side $DN_d$	G 1

**Ordering information**

Net weight, approx. $m$	11.1 kg
Brand	Wilo
Product description	Jet WJ 204 X (1~230 V)
Article number	4143999



Similar to figure

## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	6 bar
Pressure port	G 1
Max. delivery head $H$	50 m
Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	-15 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	3~230 V, 3~400 V, 50 Hz
Voltage tolerance	±6 %
Rated power $P_2$	1 kW
Rated current $I_N$	4.3 A
Rated speed $n$	2900 1/min
Insulation class	B
Protection class motor	IP44

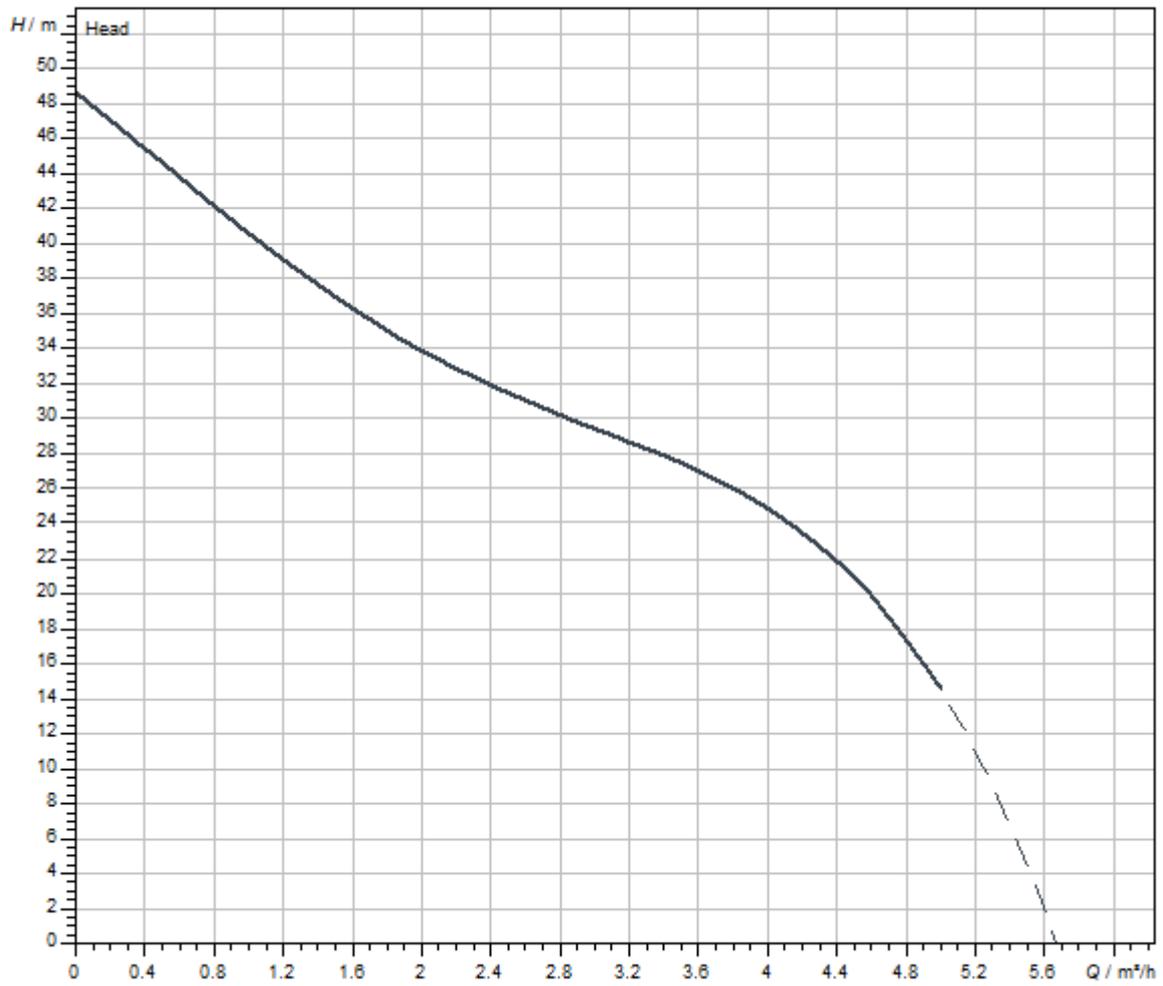
### Materials

Pump housing	Stainless steel
Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

### Installation dimensions

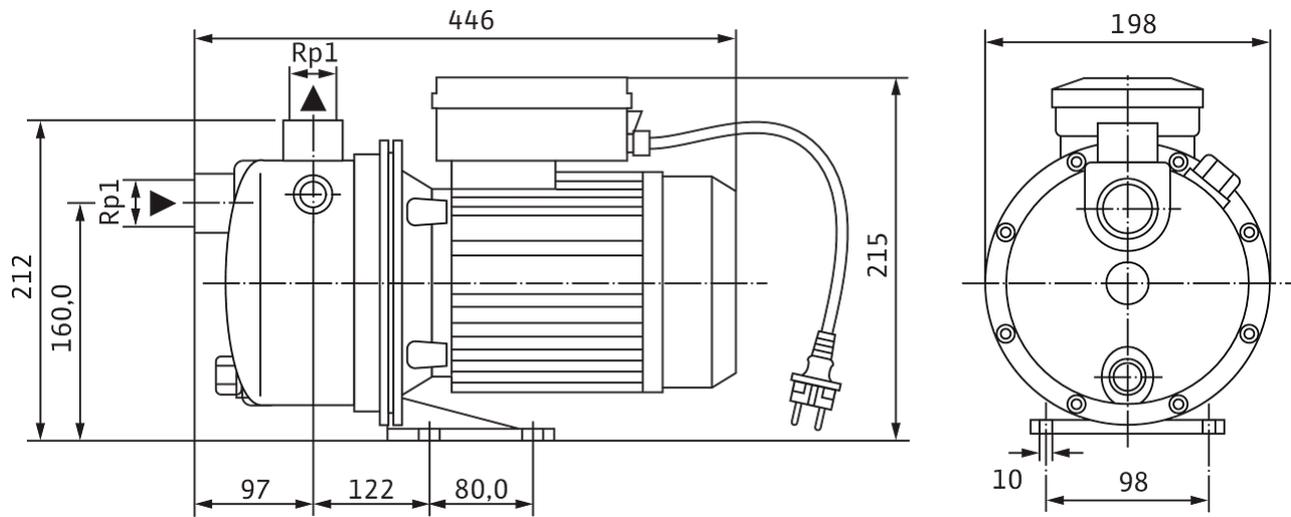
Pipe connection on the suction side $DNS$	G 1
Pipe connection on the discharge side $DND$	G 1

Pump curves



Dimensions and dimensions drawings

Jet-WJ



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Shaft	Stainless steel
Shaft seal	CVPFF
Gasket material	NBR
Impeller	Stainless steel

**Operating Data**

Min. fluid temperature $T_{min}$	5 °C
Max. fluid temperature $T_{max}$	35 °C
Maximum operating pressure $p$	10.0 bar
Pressure port	G 1
Max. ambient temperature $T_{max}$	40 °C

**Motor data**

Mains connection	3~230 V, 3~400 V, 50 Hz
Voltage tolerance	±6 %
Rated power $P_2$	1 kW
Rated current $I_N$	4.3 A
Rated speed $n$	2900 1/min
Insulation class	B
Protection class	IP44

**Installation dimensions**

Pipe connection on the suction side $DN_s$	G 1
Pipe connection on the discharge side $DN_d$	G 1

**Ordering information**

Net weight, approx. $m$	13.5 kg
Brand	Wilo
Product description	Jet WJ 204 X (3~230/400 V)
Article number	4212735