

## Wilo-Initial Jet





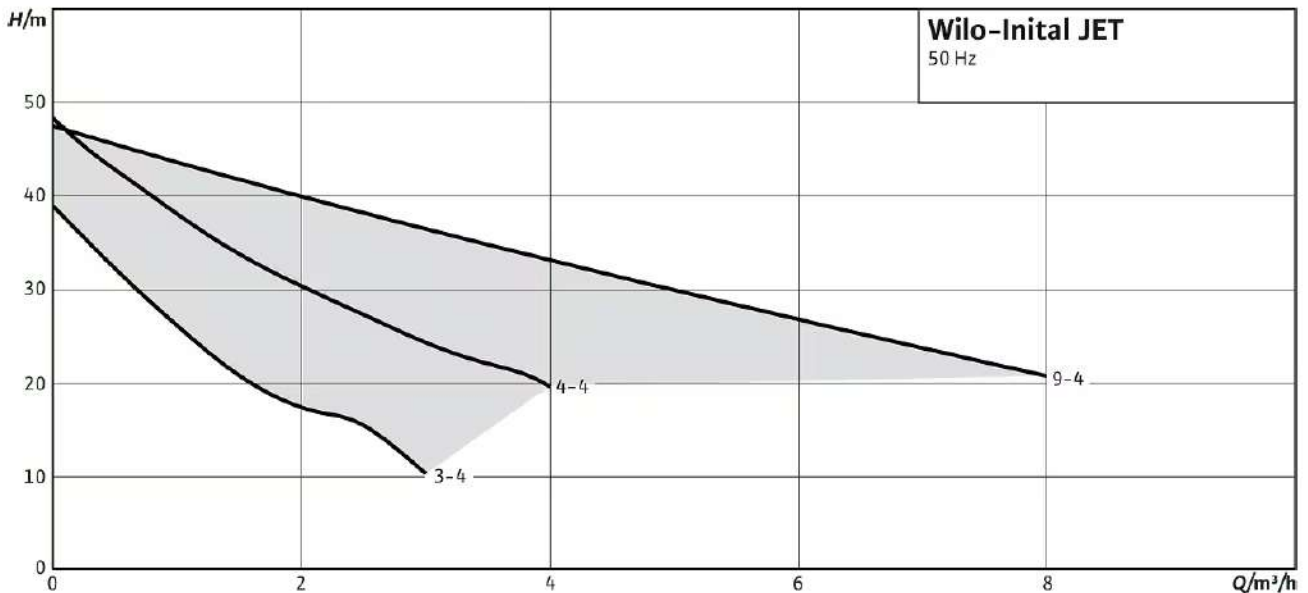
#### Your advantages

- > Low weight and compact dimensions for high user-friendliness
- > High security of supply due to hydraulic output, self-priming up to 8 m, even at a low flow rate
- > Heavy-duty design for long-lasting operation

#### Recommended services



Wilco-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

- > Single-phase motor
- > Thermal motor protection switch

#### Typekey

Example: **Initial Jet 3-4/220-50**  
**Initial** Product family  
**JET** Series designation  
**3** Rated flow rate Q in m³/h  
**4** Pump pressure in bar  
**220** Mains voltage in V  
**50** Mains frequency in Hz

### Technical data

- > Mains connection 1~220 V, 50 Hz, 1~230 V, 50 Hz
- > Inlet pressure max 2 bar
- > Fluid temperature max. +5 °C to +35 °C
- > Max. operating pressure 6 bar
- > Max. negative suction head: 8 m
- > Protection class IP44
- > Connection on the suction and pressure side G1 / G1;  
(Jet 9-4: G1¼ / G1)

### Materials

- > Pump housing: Grey cast iron EN-GJL 200
- > Impeller: Stainless steel 1.4301 (AISI 304); except Jet  
3-4: Noryl
- > Shaft: Stainless steel AISI 304
- > Mechanical seal: Ceramic/carbon/NBR
- > Diffuser/injector: Noryl
- > Gaskets: NBR

### Scope of delivery

- > Pump
- > Installation and operating instructions

### Accessories

- > Automatic pressure switching: Fluidcontrol device
- > Suction/pressure hose 1" (1.5 to 15 m version)
- > Foot valve

### Product list

| Product description    | Article number |
|------------------------|----------------|
| INITIAL JET 3-4/220-50 | 4262292        |
| INITIAL JET 4-4/220-50 | 4262593        |
| INITIAL JET 9-4/220-50 | 4262295        |
| Initial JET 3-4        | 4185607        |
| Initial JET 4-4        | 4168023        |
| Initial JET 9-4        | 4186041        |



## Data sheet

### Hydraulic data

|                                    |       |
|------------------------------------|-------|
| Maximum operating pressure $P_N$   | 6 bar |
| Discharge port                     | G 1   |
| Min. fluid temperature $T_{min}$   | 5 °C  |
| Max. fluid temperature $T_{max}$   | 35 °C |
| Min. ambient temperature $T_{min}$ | 0 °C  |
| Max. ambient temperature $T_{max}$ | 40 °C |

### Motor data

|                                                                                      |                |
|--------------------------------------------------------------------------------------|----------------|
| Mains connection                                                                     | 1~230 V, 50 Hz |
| Voltage tolerance                                                                    | ±10 %          |
| Shaft power $P_2$ (Q=max.) of selected impeller *<br>number of pumps <i>NO VALUE</i> | 600 W          |
| Rated power $P_2$                                                                    | 0.6 kW         |
| Rated current $I_N$                                                                  | 3.8 A          |
| Rated speed $n$                                                                      | 2850 1/min     |
| Insulation class                                                                     | F              |
| Protection class                                                                     | IPX4           |

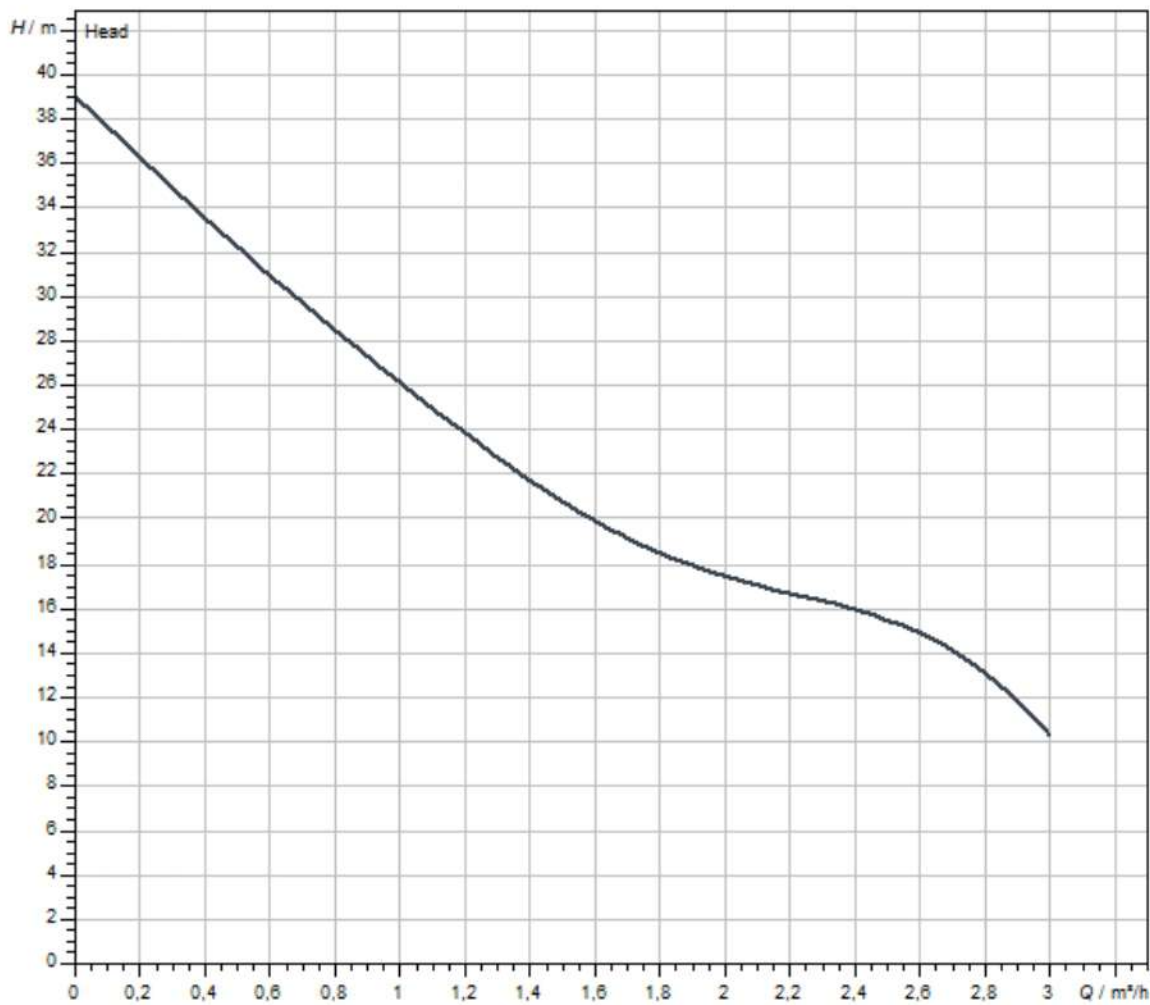
### Materials

|                 |                |
|-----------------|----------------|
| Pump housing    | Grey cast iron |
| Impeller        | PPE/PS-GF20    |
| Shaft           | Steel          |
| Shaft seal      | BQ1PFF         |
| Gasket material | NBR            |

### Installation dimensions

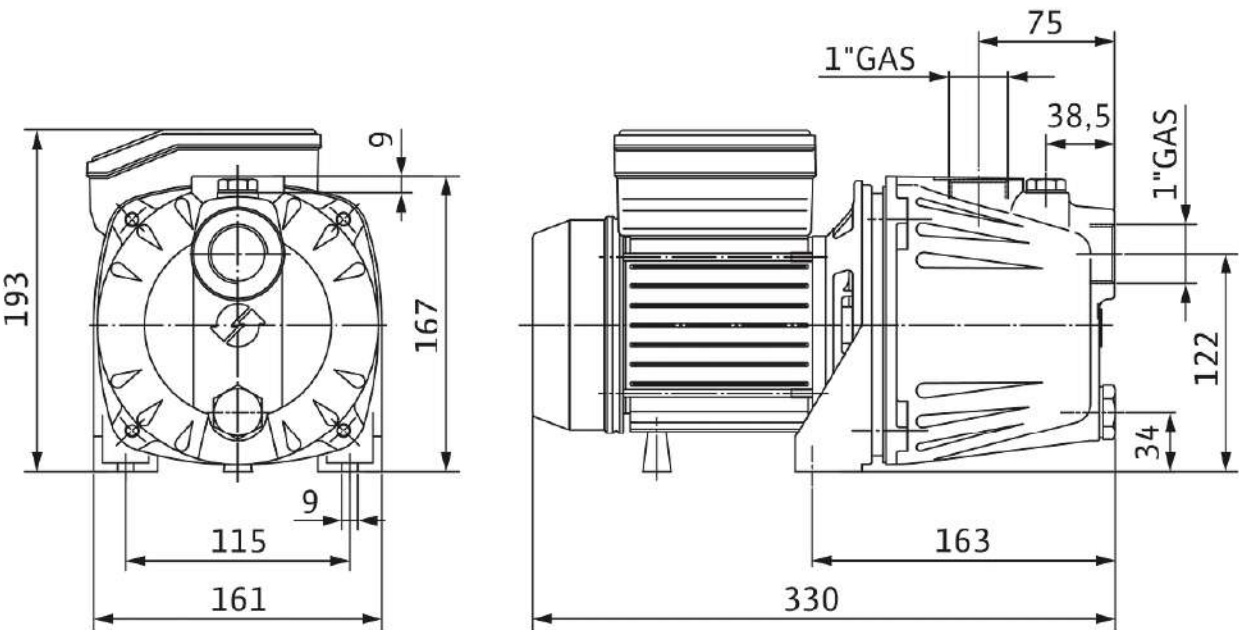
|                                               |     |
|-----------------------------------------------|-----|
| Pipe connection on the suction side $D_N$     | G 1 |
| Pipe connection on the discharge side $D_N d$ | G 1 |

Pump curves



Dimensions and dimensions drawings

Wilo-INITIAL JET 3-4



Ordering information

| Product data               |                 |
|----------------------------|-----------------|
| Brand                      | Wilo            |
| Product description        | Initial JET 3-4 |
| Article number             | 4185607         |
| EAN number                 | 4048482378237   |
| Colour                     | green/black     |
| Minimum order quantity     | 1               |
| Date of sales availability | 2018-09-01      |

| Packaging          |                     |
|--------------------|---------------------|
| Packaging type     | Cardboard box       |
| Packaging property | Transport packaging |
| Pieces per pallet  | 1                   |
| Number per layer   | 1                   |

| Dimension, weight              |        |
|--------------------------------|--------|
| Length with packaging          | 350 mm |
| Length <i>L</i>                | 330 mm |
| Height with packaging          | 212 mm |
| Height <i>H</i>                | 193 mm |
| Width with packaging           | 181 mm |
| Width <i>W</i>                 | 161 mm |
| Gross weight, approx. <i>m</i> | 9.9 kg |
| Net weight, approx. <i>m</i>   | 9.4 kg |

## Tender text

Self-priming single-stage jet pump for water supply, irrigation and rainwater utilisation. Self-priming up to 8

m. Electrical connection via a terminal box. All parts that come into contact with fluids are corrosion-resistant.

## Materials

|                 |                |
|-----------------|----------------|
| Pump housing    | Grey cast iron |
| Shaft           | Steel          |
| Shaft seal      | BQ1 PFF        |
| Gasket material | NBR            |
| Impeller        | PPE/PS-GF20    |

## Operating Data

|                                     |         |
|-------------------------------------|---------|
| Min. fluid temperature $T_{\min}$   | 5 °C    |
| Max. fluid temperature $T_{\max}$   | 35 °C   |
| Maximum operating pressure $p$      | 6.0 bar |
| Discharge port                      | G 1     |
| Max. ambient temperature $T_{\max}$ | 40 °C   |

## Motor data

|                     |                |
|---------------------|----------------|
| Mains connection    | 1~230 V, 50 Hz |
| Voltage tolerance   | ±10 %          |
| Rated power $P_2$   | 0.6 kW         |
| Rated current $I_N$ | 3.8 A          |
| Rated speed $n$     | 2850 1/min     |
| Insulation class    | F              |
| Protection class    | IPX4           |

## 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. $m$ | 9.4 kg                                                                                               |
| Brand                   | Wilo                                                                                                 |
| Product description     | Initial JET 3-4                                                                                      |
| Article number          | <b>4185607</b>  |



## Data sheet

### Hydraulic data

|                                    |       |
|------------------------------------|-------|
| Maximum operating pressure $P_N$   | 6 bar |
| Discharge port                     | G 1   |
| Min. fluid temperature $T_{min}$   | 5 °C  |
| Max. fluid temperature $T_{max}$   | 35 °C |
| Min. ambient temperature $T_{min}$ | 0 °C  |
| Max. ambient temperature $T_{max}$ | 40 °C |

### Motor data

|                                                                                      |                |
|--------------------------------------------------------------------------------------|----------------|
| Mains connection                                                                     | 1~230 V, 50 Hz |
| Voltage tolerance                                                                    | ±10 %          |
| Shaft power $P_2$ (Q=max.) of selected impeller *<br>number of pumps <i>NO VALUE</i> | 750 W          |
| Rated power $P_2$                                                                    | 0.75 kW        |
| Rated current $I_N$                                                                  | 5 A            |
| Rated speed $n$                                                                      | 2850 1/min     |
| Insulation class                                                                     | F              |
| Protection class                                                                     | IPX4           |

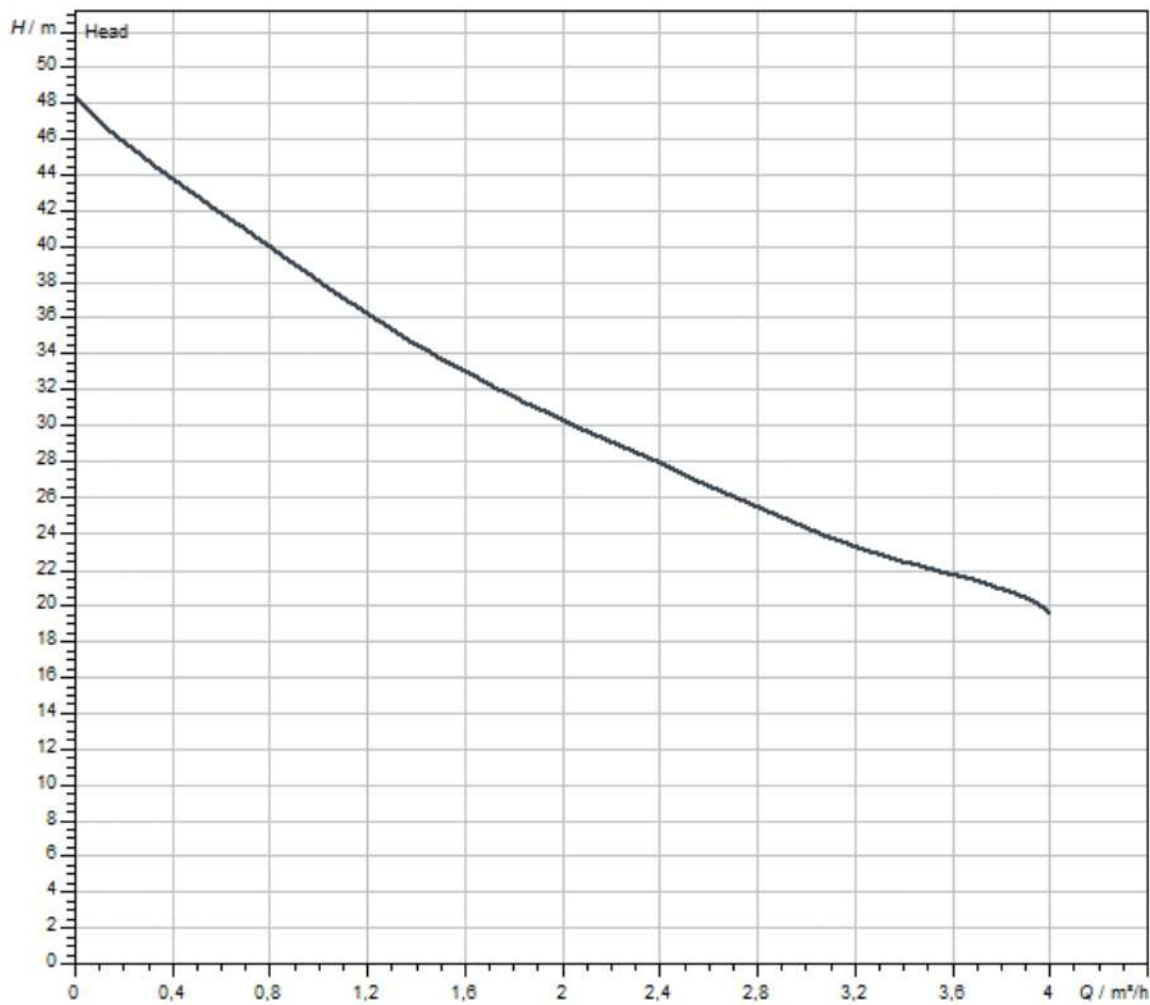
### Materials

|                 |                 |
|-----------------|-----------------|
| Pump housing    | Grey cast iron  |
| Impeller        | Stainless steel |
| Shaft           | Steel           |
| Shaft seal      | BQ1PFF          |
| Gasket material | NBR             |

### Installation dimensions

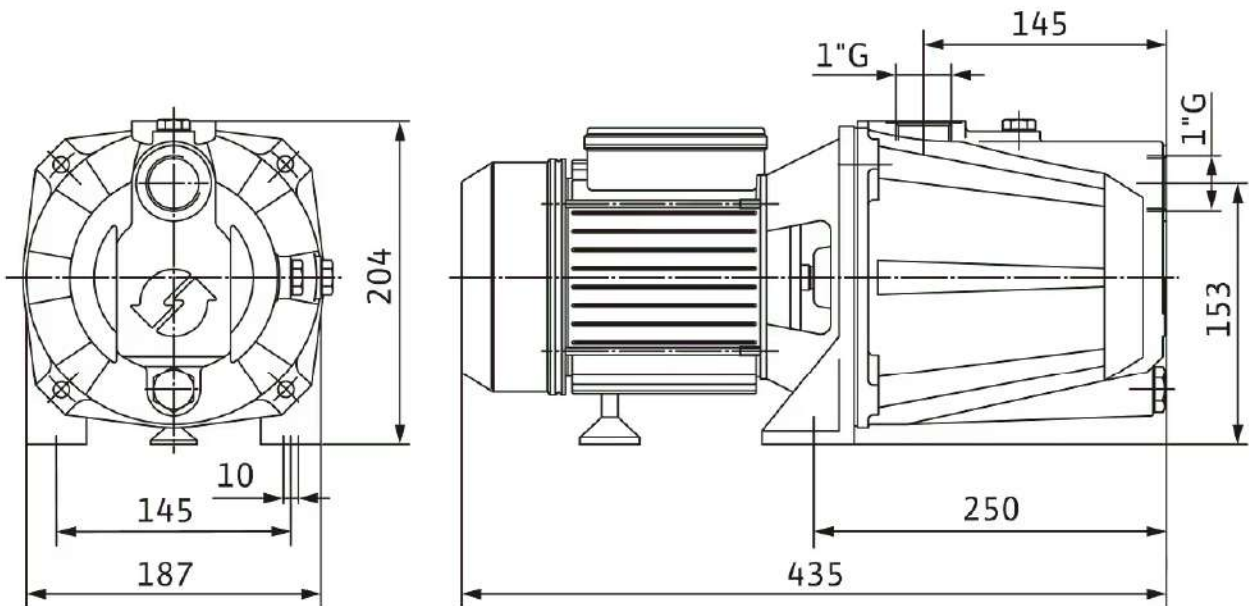
|                                               |     |
|-----------------------------------------------|-----|
| Pipe connection on the suction side $D_N$ s   | G 1 |
| Pipe connection on the discharge side $D_N$ d | G 1 |

Pump curves



Dimensions and dimensions drawings

Wilo-INITIAL JET 4-4



Ordering information

| Product data               |                 |
|----------------------------|-----------------|
| Brand                      | Wilo            |
| Product description        | Initial JET 4-4 |
| Article number             | 4168023         |
| EAN number                 | 4048482250854   |
| Colour                     | green/black     |
| Minimum order quantity     | 1               |
| Date of sales availability | 2018-09-01      |

| Packaging          |                     |
|--------------------|---------------------|
| Packaging type     | Cardboard box       |
| Packaging property | Transport packaging |
| Pieces per pallet  | 1                   |
| Number per layer   | 1                   |

| Dimension, weight              |         |
|--------------------------------|---------|
| Length with packaging          | 453 mm  |
| Length <i>L</i>                | 435 mm  |
| Height with packaging          | 241 mm  |
| Height <i>H</i>                | 204 mm  |
| Width with packaging           | 201 mm  |
| Width <i>W</i>                 | 187 mm  |
| Gross weight, approx. <i>m</i> | 15.9 kg |
| Net weight, approx. <i>m</i>   | 15.4 kg |

## Tender text

Self-priming single-stage jet pump for water supply, irrigation and rainwater utilisation. Self-priming up to 8

m. Electrical connection via a terminal box. All parts that come into contact with fluids are corrosion-resistant.

## Materials

|                 |                 |
|-----------------|-----------------|
| Pump housing    | Grey cast iron  |
| Shaft           | Steel           |
| Shaft seal      | BQ1PFF          |
| 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 $p$      | 6.0 bar |
| Discharge port                      | G 1     |
| Max. ambient temperature $T_{\max}$ | 40 °C   |

## Motor data

|                     |                |
|---------------------|----------------|
| Mains connection    | 1~230 V, 50 Hz |
| Voltage tolerance   | ±10 %          |
| Rated power $P_2$   | 0.75 kW        |
| Rated current $I_N$ | 5 A            |
| Rated speed $n$     | 2850 1/min     |
| Insulation class    | F              |
| Protection class    | IPX4           |

## 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. $m$ | 15.4 kg                                                                                              |
| Brand                   | Wilo                                                                                                 |
| Product description     | Initial JET 4-4                                                                                      |
| Article number          | <b>4168023</b>  |



## Data sheet

### Hydraulic data

|                                    |       |
|------------------------------------|-------|
| Maximum operating pressure $P_N$   | 6 bar |
| Discharge port                     | G 1   |
| Min. fluid temperature $T_{min}$   | 5 °C  |
| Max. fluid temperature $T_{max}$   | 35 °C |
| Min. ambient temperature $T_{min}$ | 0 °C  |
| Max. ambient temperature $T_{max}$ | 40 °C |

### Motor data

|                                                                                      |                |
|--------------------------------------------------------------------------------------|----------------|
| Mains connection                                                                     | 1~230 V, 50 Hz |
| Voltage tolerance                                                                    | ±10 %          |
| Shaft power $P_2$ (Q=max.) of selected impeller *<br>number of pumps <i>NO VALUE</i> | 1100 W         |
| Rated power $P_2$                                                                    | 1.1 kW         |
| Rated current $I_N$                                                                  | 7 A            |
| Rated speed $n$                                                                      | 2850 1/min     |
| Insulation class                                                                     | F              |
| Protection class                                                                     | IPX4           |

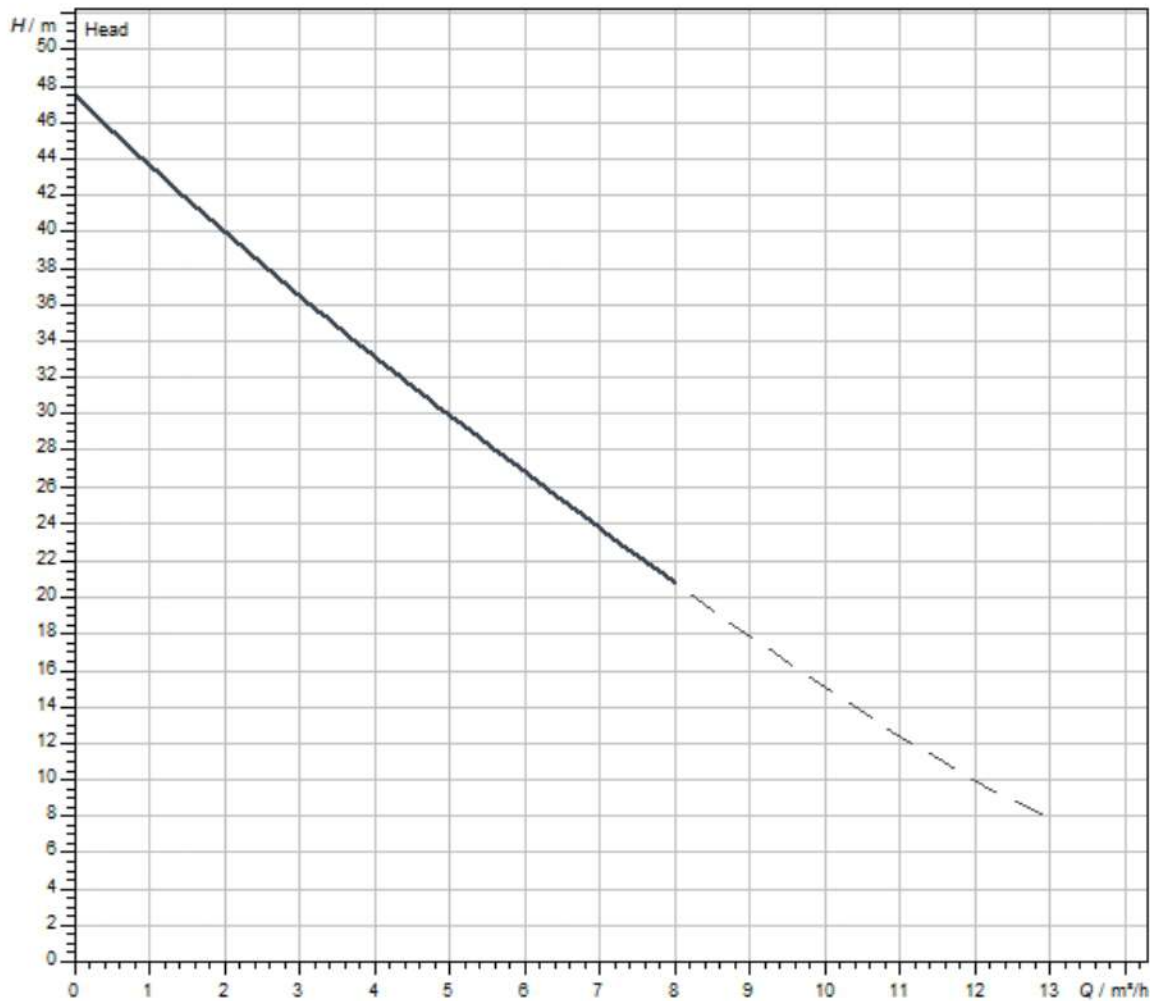
### Materials

|                 |                 |
|-----------------|-----------------|
| Pump housing    | Grey cast iron  |
| Impeller        | Stainless steel |
| Shaft           | Steel           |
| Shaft seal      | BQ1PFF          |
| Gasket material | NBR             |

### Installation dimensions

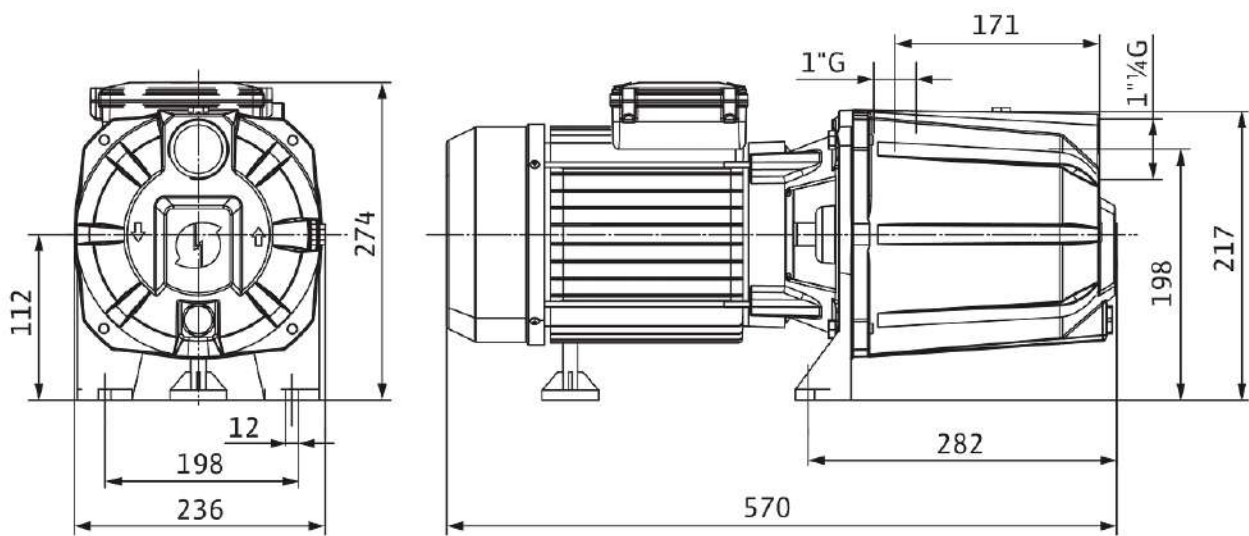
|                                               |      |
|-----------------------------------------------|------|
| Pipe connection on the suction side $D_N$ s   | G 1¼ |
| Pipe connection on the discharge side $D_N$ d | G 1  |

Pump curves



Dimensions and dimensions drawings

Wilo-INITIAL JET 9-4



Ordering information

Product data

|                            |                 |
|----------------------------|-----------------|
| Brand                      | Wilo            |
| Product description        | Initial JET 9-4 |
| Article number             | <b>4186041</b>  |
| EAN number                 | 4048482384016   |
| Colour                     | green/black     |
| Minimum order quantity     | 1               |
| Date of sales availability | 2018-09-01      |

Packaging

|                    |                     |
|--------------------|---------------------|
| Packaging type     | Cardboard box       |
| Packaging property | Transport packaging |
| Pieces per pallet  | 1                   |
| Number per layer   | 1                   |

Dimension, weight

|                                |         |
|--------------------------------|---------|
| Length with packaging          | 580 mm  |
| Length <i>L</i>                | 570 mm  |
| Height with packaging          | 280 mm  |
| Height <i>H</i>                | 274 mm  |
| Width with packaging           | 240 mm  |
| Width <i>W</i>                 | 236 mm  |
| Gross weight, approx. <i>m</i> | 29.4 kg |
| Net weight, approx. <i>m</i>   | 28.9 kg |

## Tender text

Self-priming single-stage jet pump for water supply, irrigation and rainwater utilisation. Self-priming up to 8

m. Electrical connection via a terminal box. All parts that come into contact with fluids are corrosion-resistant.

### Materials

|                 |                 |
|-----------------|-----------------|
| Pump housing    | Grey cast iron  |
| Shaft           | Steel           |
| Shaft seal      | BQ1PFF          |
| 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 $p$      | 6.0 bar |
| Discharge port                      | G 1     |
| Max. ambient temperature $T_{\max}$ | 40 °C   |

### Motor data

|                     |                |
|---------------------|----------------|
| Mains connection    | 1~230 V, 50 Hz |
| Voltage tolerance   | ±10 %          |
| Rated power $P_2$   | 1.1 kW         |
| Rated current $I_N$ | 7 A            |
| Rated speed $n$     | 2850 1/min     |
| Insulation class    | F              |
| Protection class    | IPX4           |

### Installation dimensions

|                                              |      |
|----------------------------------------------|------|
| Pipe connection on the suction side $DN_s$   | G 1¼ |
| Pipe connection on the discharge side $DN_d$ | G 1  |

### Ordering information

|                         |                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------|
| Net weight, approx. $m$ | 28.9 kg                                                                                              |
| Brand                   | Wilo                                                                                                 |
| Product description     | Initial JET 9-4                                                                                      |
| Article number          | <b>4186041</b>  |

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