



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 * 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

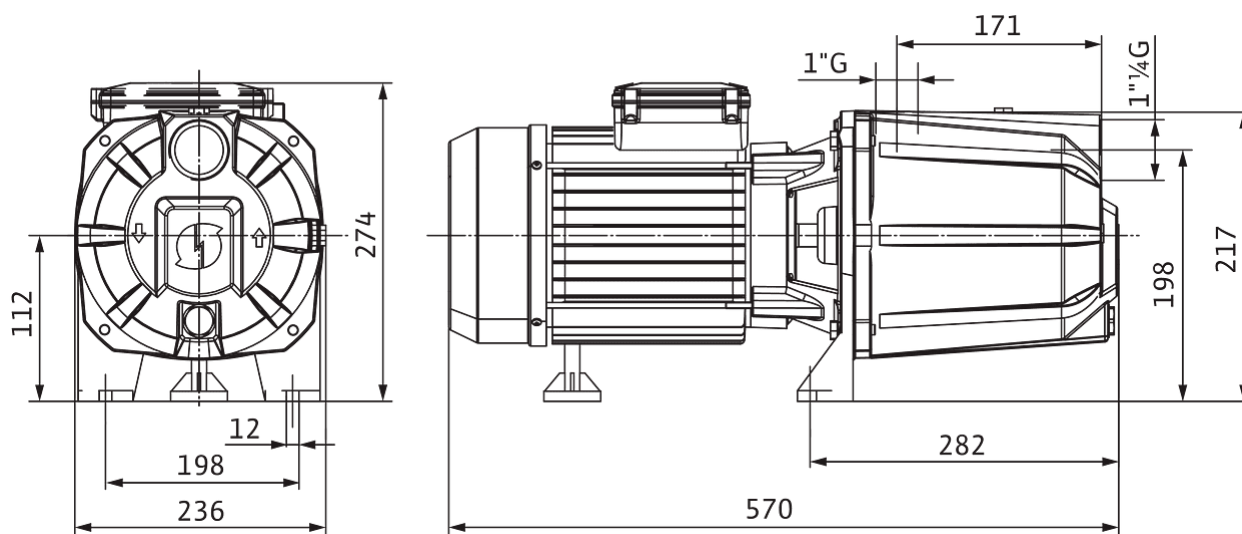
Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Steel
Shaft seal	BQ1PFF
Gasket material	NBR

Installation dimensions

Pipe connection on the suction side DNs	G 1½
Pipe connection on the discharge side DNd	G 1

Dimensions and dimensions drawings

Wilo-INITIAL JET 9-4



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 1 1/4
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	4186041

Installation type

In inlet mode

Wall bracket

Wall bracket	4027328
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Shut-off valve

Ball valve Rp 1	2663980
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In suction mode

Wall bracket

Wall bracket	4027328
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Shut-off valve

Ball valve Rp 1	2663980
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Foot valve

Foot valve R 1¼	2502408
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In suction mode with floating intake

Wall bracket

Wall bracket	4027328
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Shut-off valve

Ball valve Rp 1	2663980
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Suction/pressure hose kit

Suction/pressure hose 1¼" SE, PN 10, 1.5 m (cpl.)	2025973
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Suction/pressure hose 1¼" SE, PN 10, 10.0 m (cpl.)	2025976
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Suction/pressure hose 1¼" SE, PN 10, 15.0 m (cpl.)	2025977
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Suction/pressure hose 1¼" SE, PN 10, 3.0 m (cpl.)	2025974
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Suction/pressure hose 1¼" SE, PN 10, 5.0 m (cpl.)	2025975
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Coarse suction filter (floating extractor)

Coarse suction filter GR	2024960
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Fine suction filter (floating extractor)

Fine suction filter FR	2024962
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In suction mode with suction hose

Wall bracket

Wall bracket	4027328
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Shut-off valve

Ball valve Rp 1	2663980
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Suction hose set

Suction hose set G1, 7 m	4027874
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Suction hose set G1¼, 7 m	4056081
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Mechanical accessories

Fittings

Foot valve

Foot valve R 1¼	2502408
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Non-return valve

Non-return valve RV/S R 1	2660842
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Shut-off valve

Ball valve Rp 1	2663980
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Hoses / hose joints

Suction hose set

Suction hose set G1, 7 m	4027874
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Suction hose set G1¼, 7 m	4056081
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Suction/pressure hose kit

Suction/pressure hose 1¼" SE, PN 10, 1.5 m (cpl.)	2025973
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Suction/pressure hose 1¼" SE, PN 10, 3.0 m (cpl.)	2025974
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Suction/pressure hose 1¼" SE, PN 10, 5.0 m (cpl.)	2025975
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Suction/pressure hose 1¼" SE, PN 10, 10.0 m (cpl.)	2025976
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Suction/pressure hose 1¼" SE, PN 10, 15.0 m (cpl.)	2025977
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Suction filter

Coarse suction filter (floating extractor)

Coarse suction filter G	2024959
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Coarse suction filter GR	2024960
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Fine suction filter (floating extractor)

Fine suction filter F	2024961
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Fine suction filter FR	2024962
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Valves/accessories

Screwed connection for non-return valve

Screwed connection for non-return valve DN 32	2660529
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Wall fixation/installation on a base

Wall bracket

Wall bracket

4027328

Wall bracket for Wilo-HiControl and Wilo-FluidControl

Wall bracket for Wilo-FluidControl

4027326

Electrical accessories

Pump control

HiControl 1

HiControl 1-EK	4190895
HiControl 1	4190896

Pump control/accessories

Low-water cut-out switchgear kit for domestic water systems

low-water cut-out switchgear kit WMS G 1¼	4204510
low-water cut-out switchgear kit WMS G2	4204512

Pressure control

Pressure sensor

Pressure sensor kit, 6 BAR	4048063
Pressure sensor kit, 10 BAR	4048064
Pressure sensor kit, 16 BAR	4048065
Pressure sensor kit, 25 BAR	4048066

Pressure sensor for systems

Pressure sensor, 0 - 6 bar	2550660
Pressure sensor, 0 - 10 bar	2550661
Pressure sensor, 0 - 16 bar	2550662
Pressure sensor, 0 - 25 bar	2550663
Pressure sensor, 0 - 40 bar	2550664

Sensor kit

Sensor kit	2501886
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Level control

Float switch WA

Float switch WA65 with 5 m cable	503211390
Float switch WA65 with 10 m cable	503211893
Float switch WA65 with 20 m cable	2004431
Float switch WA65 with 30 m cable	2004432
Float switch WA KR1 S with 5 m cable	6082806
Float switch WA KR1 S with 10 m cable	6082807

Float switch WA65 (PSN-X) with 20 m cable	6088843
Float switch WA65 (PSN-X) with 10 m cable	6088844
Float switch WA65 (PSN-X) with 5 m cable	6088845

Float switch WA-EK

Float switch WAEK 65, 5 m cable	50321698
Float switch WAEK 65, 10 m cable	2005516
Float switch WAEK 65, 20 m cable	2005517

Float switch WAO-EK

Float switch WAOEK 65, 20 m cable	2005626
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Immersion probe

Submersible electrode, 3 m	500183799
Submersible electrode, 4 m	2516278
Submersible electrode, 5 m	500937990
Submersible electrode, 10 m	2501937
Submersible electrode, 20 m	2516283
Submersible electrode, 25 m	2000601
Submersible electrode, 30 m	2514045
Submersible electrode, 35 m	2516284
Submersible electrode, 40 m	2516285
Submersible electrode, 50 m	2500315
Submersible electrode without cable	64873

Services

With Wilo as your partner, you can not only be sure of choosing high-quality product solutions, but also of benefiting from a comprehensive, worry-free package of well thought-out services. We collaborate to develop a service concept tailored to your individual needs; with our expertise and personal consultancy, we make sure that the operation of your systems is as energy-efficient, reliable and economical as possible. All the while our competent Wilo service technicians are ready to assist you with fast, reliable and on-time support.

Recommended services

Wilo-Live Assistant Service	2216415
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More suitable services

Service Package L FWJ/HiMulti 3-5	2219704
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Service Package M FWJ/HiMulti 3-5	2219675
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Supervision FWJ/HiMulti 3-5	2219328
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Installation FWJ/HiMulti 3-5	2219363
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Commissioning FWJ/HiMulti 3-5	2219394
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Maintenance BASIC FWJ/HiMulti 3-5	2219534
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Maintenance COMFORT FWJ/HiMulti 3-5	2219496
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Maintenance PREMIUM FWJ/HiMulti 3-5	2219549
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System Optimisation FWJ/HiMulti 3-5	2219258
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Energy Solutions FWJ/HiMulti 3-5	2219293
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Repair FWJ/HiMulti 3-5	2219617
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