Pumps for domestic water supply
on the farm or in the garden

ZUWA

Pumps for water supply around the house

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QUALITY SINCE 1946

Pumps for domestic water supply

for farming, gardening and general cleaning applications

Free water for domestic use - delivered by efficient ZUWA pumps

Save precious and expensive drinking water!

With a ZUWA domestic water pump process water can be pumped free of charge from wells, cisterns, the own pond or lake.

ZUWA domestic water supply systems include a rugged efficient centrifugal pump, a pump control for automatic pump start and stop and a pressure gauge.

Applications:

- irrigation
- flush toilet
- pond venting
- washing machine
- car wash
- increasing water pressure
- cleaning barns

Quick and easy installation

JET 100/E

Further information about this pump - page 4

JET 100/E INOX

JET 100/E INOX

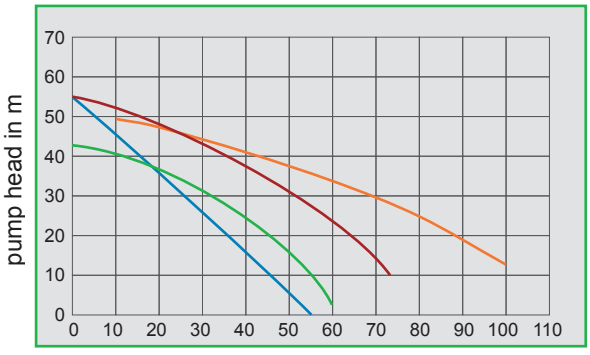
Full automatic pump for domestic water supply with automatically pump stop when running out of water (BRIO).
Pump is particularly suitable for toilet flushing and washing machines.
Non rusting pump made of stainless steel.

- pump housing and shaft: stainless steel
- impeller: brass
- rotary seal: carbon/ceramic

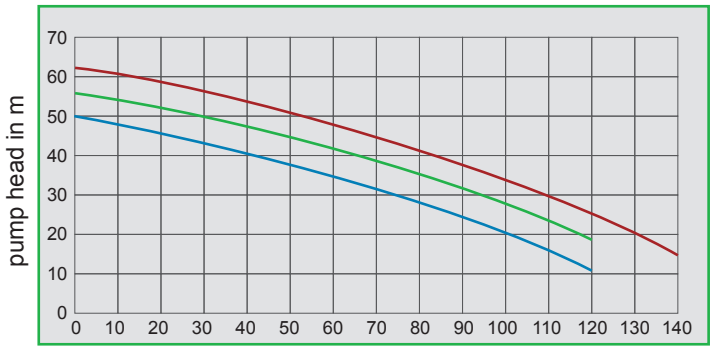
JET 200/Z

Further information about this pump - page 4

Characteristic curves:



- JET 100
- JET 100/E INOX (1,2 kW)
- P 80
- CM 100



- JET 150
- JET 200 (230V)
- JET 200 (400V)
- JET 300

**Flow rates slightly lower when using pump controle BRIO.*

Technical details

Type	Motor power			Flow rate max.	Pres-sure max.	Pump control	Connec-tions (out/in)	Dimen-sions in cm	Weight	Art.No.
	kw	V	A							
JET 100/Z	0,75	230	4,5	60 l/min	4,3 bar	Zumatic	1“	43 x 36 x 67	22 kg	*165007HWZ*
JET 100/E	0,75	230	4,5	60 l/min	4,3 bar	Brio	1“	43 x 19 x 41	18 kg	*165007HWE*
JET GP 100/E INOX 1200	1,2	230	5,5	75 l/min	5,8 bar	Brio	1“	37 x 20 x 46	10 kg	*165010HWE*
JET 150/Z	1,1	230	8,5	120 l/min	5 bar	Zumatic	1½“ / 1¼“	56 x 23 x 70	37 kg	*165046HWZ*
JET 150/E	1,1	230	8,5	120 l/min	5 bar	Brio	1½“ / 1¼“	56 x 22 x 45	33 kg	*165046HWE*
JET 200/E	1,5	230	9,4	12 l/min	5,6 bar	Presflo Vario	1½“ / 1¼“	56 x 22 x 45	35 kg	*165048HWE*
JET 200/Z	1,5	230	9,4	120 l/min	5,6 bar	Zumatic	1½“ / 1¼“	56 x 23 x 70	38 kg	*165048HWZ*
	1,5	400	4,4	120 l/min	5,6 bar	Zumatic	1½“ / 1¼“	56 x 23 x 70	38 kg	*165049HWZ*
JET 300/Z	2,2	400	4,6	140 l/min	6,2 bar	Zumatic	1½“ / 1¼“	56 x 23 x 70	39 kg	*165050HWZ*
CM 100/Z	0,75	230	6,6	100 l/min	4,9 bar	Zumatic	1“	37 x 36 x 65	16 kg	*165053HWZ*
CM 100/E	0,75	230	6,6	100 l/min	4,9 bar	Brio	1“	37 x 17 x 39	12 kg	*165053HWE*
P80/Z	0,75	230	5,5	56 l/min	5,5 bar	Zumatic	1“	25 x 36 x 63	13,5 kg	*165012HWZ*
P80/E	0,75	230	5,5	56 l/min	5,5 bar	Brio	1“	25 x 12 x 37	9,5 kg	*165012HWE*

Uncomplicated and durable

The simple and robust design is one of the key features of a centrifugal pump. They are primarily used for pumping clean water in a dry-well installation. Main applications are service water, irrigation and pressure increase.

Model CM

Multistage, regular priming centrifugal pump for service water and irrigation – operates extremely quiet.

- pump housing, shaft and impeller: stainless steel
- rotary seal: ceramic/graphite
- thermal motor protection and cable
- for water temperatures up to 40°C

Model CM

Model P

Regular priming centrifugal pump with peripheral impeller – an efficient, small pump for clean water at a most competitive price. Suited for domestic water supply, irrigation from wells or rain water basins or for industrial use.

- pump housing: cast iron or brass
- Impeller: brass
- shaft: stainless steel
- thermal motor protection and cable
- for water temperatures up to 60°C

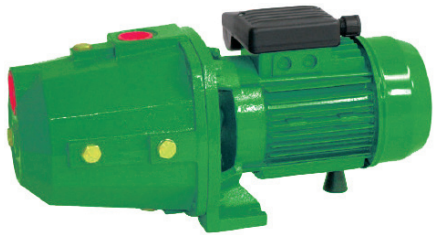
Model P

Model Jet

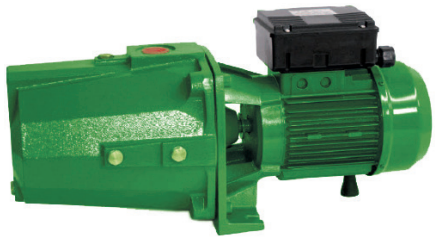
Self priming, durable pump for domestic water supply, irrigation or industrial use. Maximum suction height 8 metres.

- pump housing: cast iron
- impeller: brass
- shaft: stainless steel
- rotary seal made of ceramic/graphite
- thermal motor protection (for 230V version) and cable
- for water temperatures up to 50°C

Combined with an optional pump control this pump is perfectly adapted for the use as a domestic water supply system.



JET 100

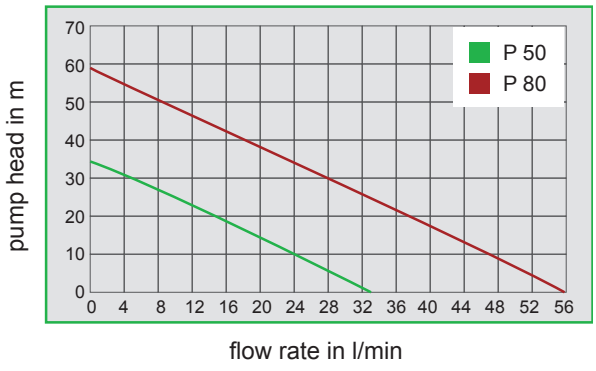


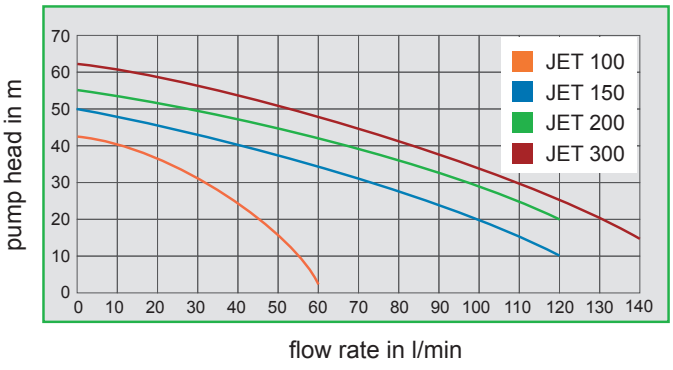
JET 150/200/300

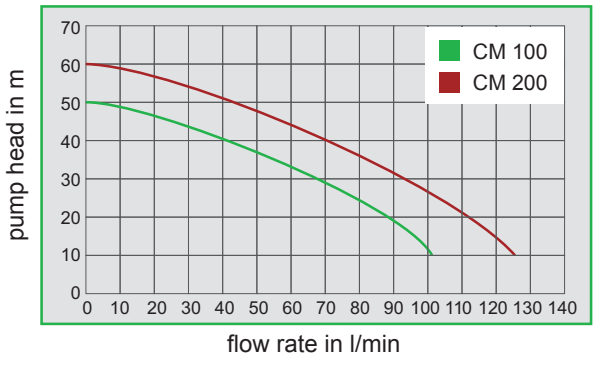
Additional Equipment – Pump Control:

ZUWA centrifugal pumps can be equipped with a pump control – ideal when the pump is used for domestic water supply or for pressure boosting. Pump starts automatically when water is withdrawn. (Page 7)

Characteristic curves:







Technical details

Type	Motor power			Flow rate max.	Pressure max.	Connec-tions out/in	Dimensions in cm	Weight	Art.No.
	kW	V	A						
JET 100	0,75	230	4,5	60 l/min	4,3 bar	1“ x 1“	42,5 x 18,5 x 20	17 kg	165007
JET 150	1,1	230	8,5	120 l/min	5,0 bar	1½“ / 1¼“	55,5 x 22,1 x 24,2	32 kg	165046
JET 200	1,5	230	9,4	120 l/min	5,6 bar	1½“ / 1¼“	55,5 x 22,1 x 24,2	33 kg	165048
	1,5	400	4,4	120 l/min	5,6 bar	1½“ / 1¼“	55,5 x 22,1 x 24,2	33 kg	165049
JET 300	2,2	400	4,6	140 l/min	6,2 bar	1½“ / 1¼“	55,5 x 22,1 x 24,2	34 kg	165050
CM 100	0,75	230	6,6	100 l/min	4,9 bar	1“ x 1“	37 x 17 x 18,2	11 kg	165053
	0,75	400	2,2	100 l/min	4,6 bar	1“ x 1“	37 x 17,5 x 18	11 kg	1650534
CM 200	1,5	400	3,8	120 l/min	6 bar	1¼“ / 1“	42 x 19,5 x 21	15 kg	165054
P 50	0,37	230	2,7	32 l/min	3,0 bar	1“ x 1“	25,5 x 14,5 x 16	5,8 kg	165004
P 80	0,75	230	5,5	56 l/min	5,9 bar	1“ x 1“	28,5 x 16 x 18	8,5 kg	165010V

Submersible pumps

for clear water

WELL pumps are particularly suitable for lifting clear water from deep wells and cisterns, for pressure boosting or irrigation. The pumps can be provided with different pump controls if required (Page 7 and 8).

All Models:

- ► shaft, motor and pump housing are constructed of stainless steel
- ► oil- or water-cooled motor (Oil has no harmful effect on environment)
- ► protection class IP 68
- ► motor protection switch
- ► inclusive 15 meter cable
- ► for water temperatures up to 35° C

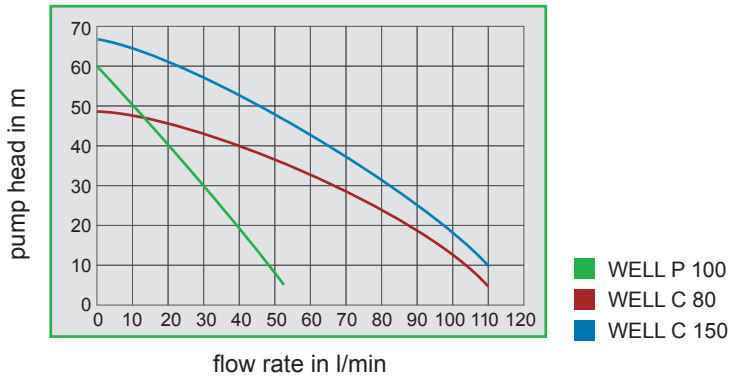
WELL C 80 and C 150

- ► noryl impellers

WELL P

- ► brass impellers

Characteristic curves:



Technical details

Type	Flow rate max.	Pump head max.	Motor			Pressure connection	Dimensions	Weight	impeller	Art. No.
			V	kW	A					
WELL C 80	100 l/min	48 m	230	0,6	4,4	1¼“, NW 32	50 x 12,8 cm	15 kg	5	1650368
WELL C 150	100 l/min	68 m	230	1,1	7,5	1¼“, NW 32	57 x 12,8 cm	19 kg	6	165037
WELL P 100	50 l/min	60 m	230	0,75	6	1“, NW 25	49,5 x 9,5 cm	14 kg	1	165014

Pump control BRIO and ZUMATIC

Electronic and mechanical pump controls for automation of garden pumps and domestic water supply pumps. The pump control starts the pump automatically on withdrawal of water and stops it when withdrawal is finished.

BRIO

ZUMATIC with pressure switch

ZUMATIC

Mechanical pump control with surge tank and pressure gauge. Particularly suitable for high capacity pumps and for pressure boosting. No dry run protection.

230 Volt, 2-12 bar: Art. No.: *169017*
230 Volt, 1-5 bar: Art. No.: *169001*
400 Volt, 1-5 bar: Art. No.: *169016*
400 Volt, 2-12 bar: Art. No.: *169018*

BRIO

Electronic pump control to be installed anywhere in the line between pump and first outlet. Ensures constant pressure distribution. Easy mounting and installation.
With dry run protection: pump is cut off automatically when running without water (signal light). Suitable also for retrofitting existing pumps.

with brass screwing, without cable and plug: Art. No.: *169009*
with brass screwing, cable and plug: Art. No.: *1690092*

Pump Control eco Pump

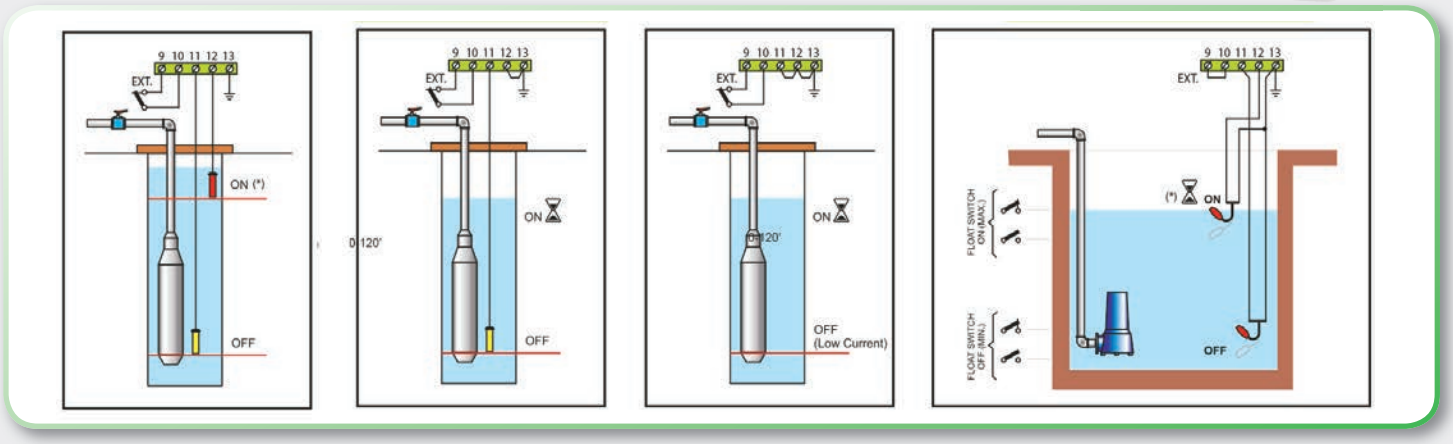
Low cost control device for pumps up to 12A. Simple handling via pressure regulator.
Art. No.: *169020*

Funktionen:

- Level control
- Electronic over-/underload protection
- Protects from phase failure

Properties:

- 4-digit LED display
- LED display showing various conditions
- Protection rating IP 65
- Exit for external alarm



Pump Control V10 Plus

Multifunctional control device for pumps with 230 or 400V, up to 7,5 kW and 16 A.
Art. No.: *169013*

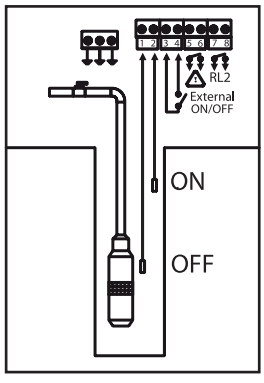
Functions:

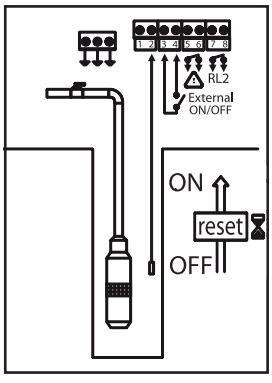
- integrated level control
- programmable dry run protection
- electronic over-/underload protection
- excess voltage, phase failure and lightning protection
- reverse battery protection
- blocking protection

Properties:

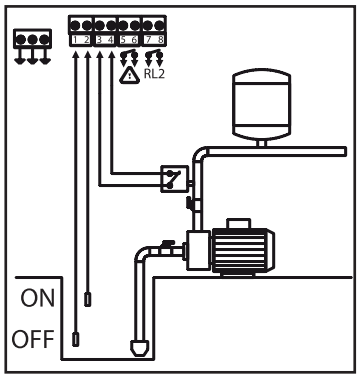
- simple handling and installation
- entry keys, indicator light and display of current on front side
- Exit for external alarm
- Protection rating IP 54

Water supply

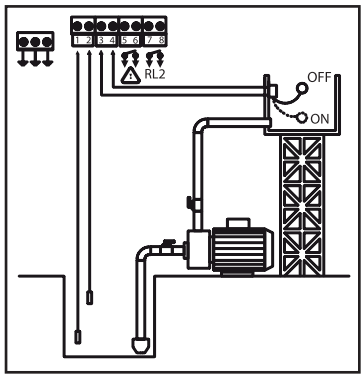




Pressure Boosting



Irrigation

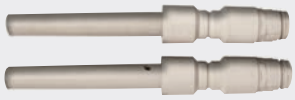


Further applications: waste water disposal, rain water harvesting, dry run protection for Impeller pumps

Accessories

Probes

Probes for pump control, level regulation for fluidlevels Art. No.: *169000*



Probes

Hose

PVC-hose, operating pressure: 5,5 to max. 6,5 bar, spiral insert per meter

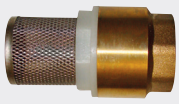
- hose 19 mm, ¾" Art. No.: *30033*
- hose 25 mm, 1" Art. No.: *30059*
- hose 30 mm, 1 ¼" Art. No.: *30081*
- hose 40 mm, 1 ½" Art. No.: *30083*
- hose 50 mm, 2" Art. No.: *30050*

Hose

Stop valve

Clapper valve in different sizes, brass with stainless steel strainer, for water

Art. No.: *131048, 131061, 131053, 131054, 131055*



Stop valve

Transport trolley

Cart with removable push rod and convenient cable holder.

Art. No.: *136101*

Transport trolley

Float switch:

Float switch with 5 m cable and adapter plug, suitable for nearly all pump types.

Art. No.: *131066*

Float Switch

Filters for Water Pumps

Water filter 1¼" i with cartridge Art. No.: *131017*
Water filter 1½" i with cartridge Art. No.: *131018*
Water filter 1" i with cartridge Art. No.: *131087*

Wasserfilter

TÜV SÜD ISO 9001

ZUWA

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