

Star-Z NOVA

Glandless pump circulator

Article number: 4132760

Data sheet

Hydraulic data

Maximum operating pressure *PN*	10 bar
Delivery head for Qmin H_{Qmin}	1.0 m
Max. volume flow Q_{max}	0.4 m³/h
Min. fluid temperature T_{min}	2 °C
Max. fluid temperature T_{max}	95 °C
Min. ambient temperature T_{min}	2 °C
Max. ambient temperature T_{max}	40 °C
Max. permitted total water hardness	3.57 mmol/l (20°dH)

Motor data

Mains connection	1~230 V, 50 Hz
Rated power P_2	5 W

Motor data

Rated current I_N	0.05 A
Max. speed n_{max}	3000 1/min
Power consumption $P_{1\ min}$	3 W
Power consumption $P_{1\ max}$	5 W
Emitted interference	EN 61000-6-3
Interference resistance	EN 61000-6-2
Protection class motor	IP42
Insulation class	F
Threaded cable connection	1 x PG11
Motor protection	no

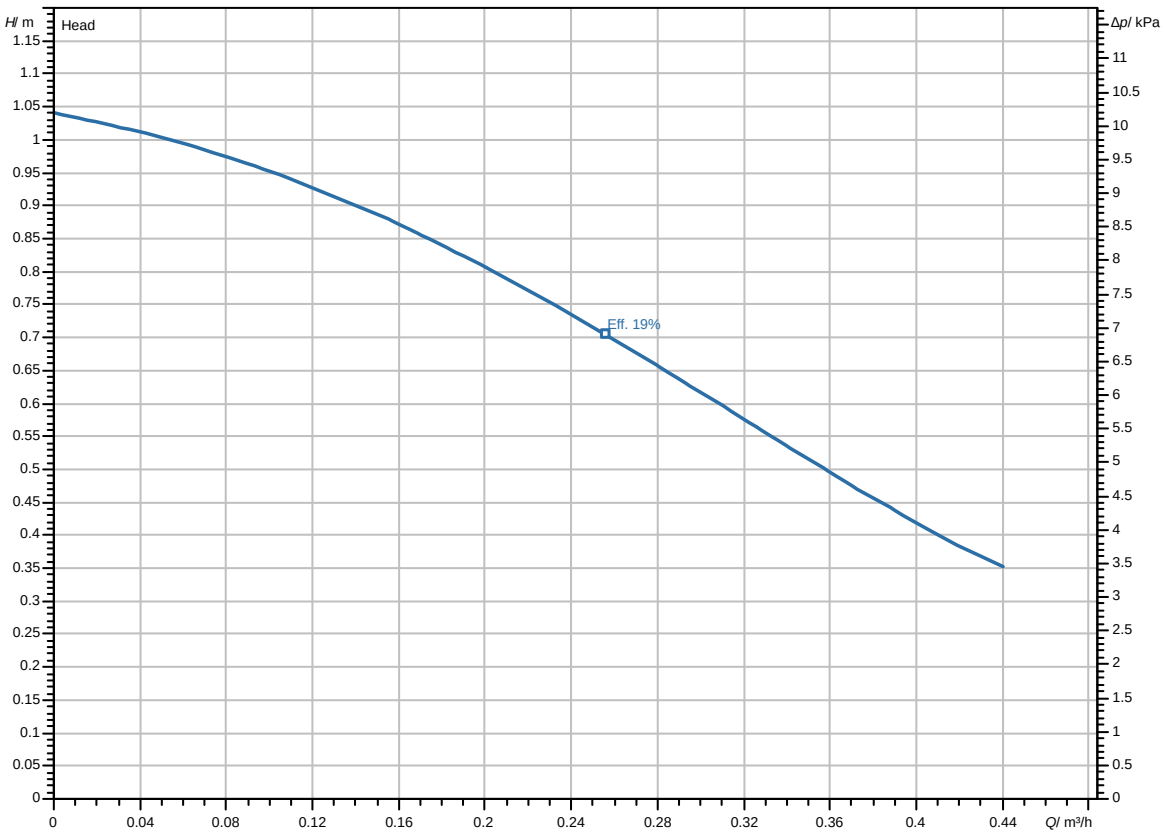
Materials

Pump housing	Brass, CW617N
Impeller	PPE/PS-GF30
Shaft	Ceramic
Bearing	Carbon, synthetic resin-impregnated

Installation dimensions

Port-to-port length *L0*	84 mm

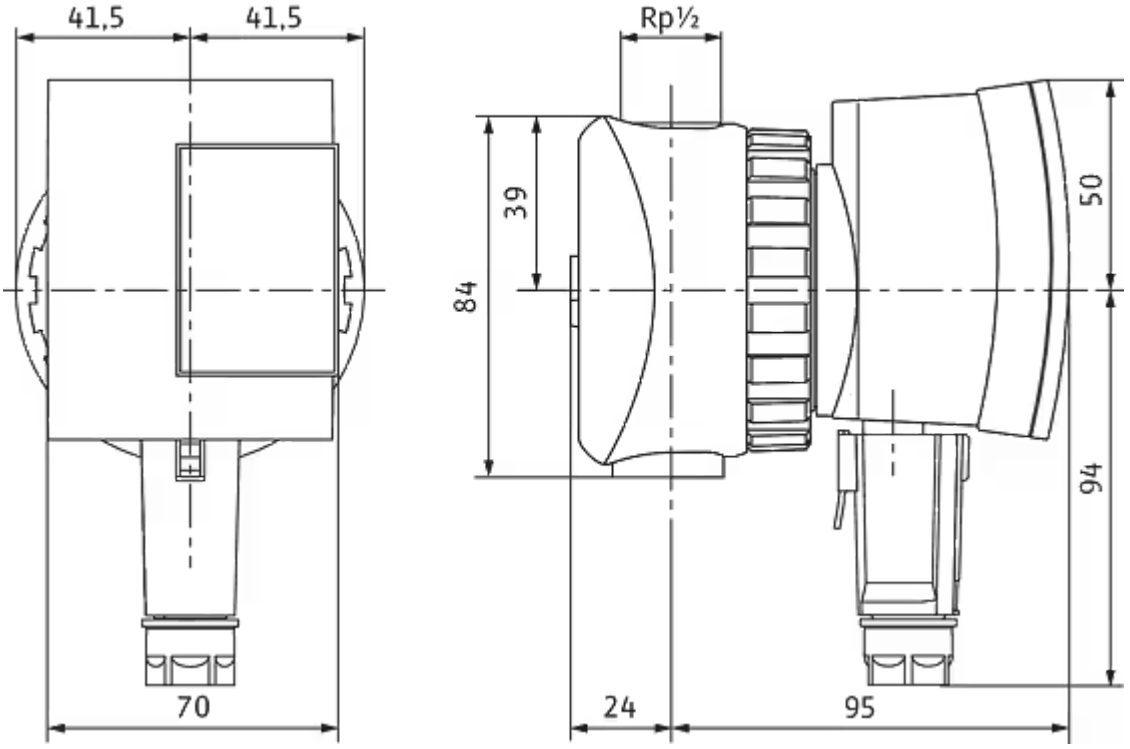
Pump curves



Fluid media	Water 100 %
Fluid temperature *T*	20.00 °C

Dimensions and dimensions drawings

Star Z-NOVA



Tender text

This circulator is suitable only for drinking water.

Wilo-Star-Z NOVA domestic hot water circulator (glandless pump version) for single-family houses.

Pump for pipe installation, blocking-current proof synchronous motor with high starting torque.

Brass pump housing, Noryl impeller, ceramic shaft.

Power consumption of 3 – 5 W.

Equipped with thermal insulation shell as standard, housing thread Rp ½.

Operating data

Max. fluid temperature T_{max}	95 °C
Min. fluid temperature T_{min}	2 °C
Min. ambient temperature T_{min}	2 °C
Max. ambient temperature T_{max}	40 °C

Temperature range at max. ambient temperature +40 °C *T*	+2...+65 °C
Maximum operating pressure *PN*	10 bar
Max. permitted total water hardness	3.57 mmol/l (20°dH)

Motor data

Emitted interference	EN 61000-6-3
Interference resistance	EN 61000-6-2
Mains connection	1~230 V, 50 Hz
Power consumption $P_{1\ max}$	5 W
Max. speed n_{max}	3000 1/min
Rated current I_N	0.05 A
Protection class motor	IP42
Threaded cable connection	1 x PG11

Materials

Pump housing	Brass, CW617N
Impeller	PPE/PS-GF30
Shaft	Ceramic
Bearing	Carbon, synthetic resin-impregnated

Installation dimensions

Pump connection	Rp ½
Port-to-port length *L0*	84 mm

Ordering information

Brand	Wilo
Product description	Star-Z NOVA
Net weight, approx. *m*	0.8 kg
Article number	4132760

Electrical accessories

Product description	Article number
Switchgear SK 601N	2120443
Angle plug	4150229
Wilo-Connector	4200870
Service motor Star-Z NOVA	4132763

Services

Product description	Article number
Supervision Glandless pumps	2219320
Commissioning Glandless pumps	2219390
Maintenance BASIC Glandless pumps	2219530
Maintenance COMFORT Glandless pumps	2219416
Maintenance PREMIUM Glandless pumps	2219545
Repair Glandless pumps	2219609