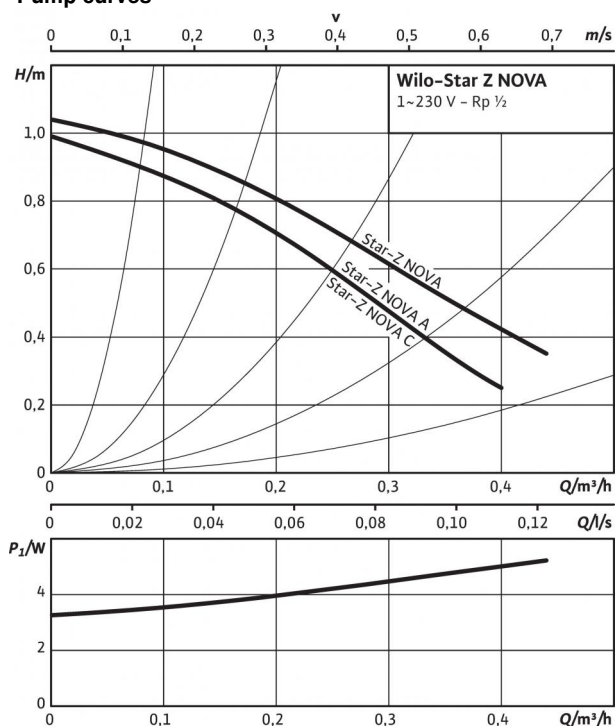
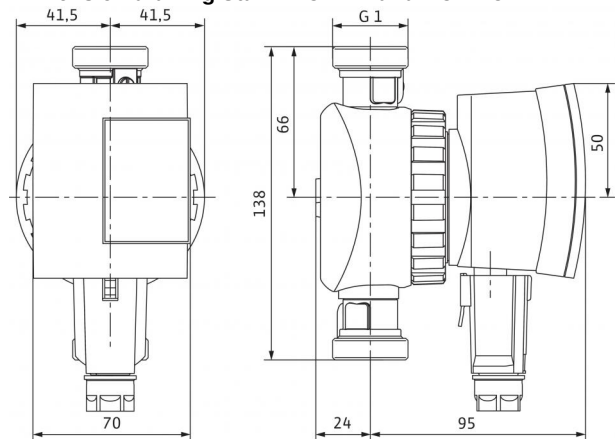


# Data sheet: Star-Z NOVA A

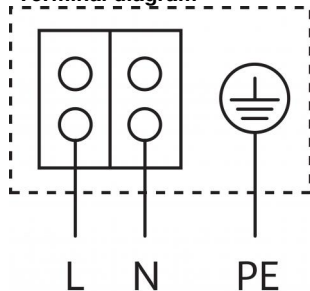
## Pump curves



## Dimension drawing Star-Z NOVA A and NOVA C



## Terminal diagram



Blocking current-proof motor  
Single-phase motor (EM) 2-pole - 1~230 V, 50 Hz

## Approved fluids (other fluids on request)

Drinking water and water for food-processing companies in accordance with TrinkwV 2001 (drinking water ordinance)

## Permitted field of application

Temperature range for applications in domestic hot water circulation systems at max. ambient temperature of +40 °C in short-time duty 2 h T

Temperature range for applications in domestic hot water circulation systems at maximum ambient temperature of +40 °C

Max. permitted total hardness in domestic hot water circulation systems

Maximum permissible operating pressure  $P_{max}$

70 °C

+2 °C... +65 °C

3.57 mmol/l (20 °dH)

10 bar

## Pipe connections

Thread

Threaded pipe union

Nominal flange diameter

Overall length  $L_0$

G 1

R 1/2

DN 15

138 mm

## Motor/electronics

Emitted interference

Interference resistance

Protection class

Insulation class

Mains connection

Speed  $n$

Power consumption  $P_1$

Current consumption  $I$

Motor protection

Screwed cable connection connector

EN 61000-6-3

EN 61000-6-2

IP 42

F

1~230 V, 50 Hz

3000 rpm

3 - 5 W

max. 0.05 A

Not required (blocking-current proof)

11 PG

## Materials

Pump housing

Impeller

Pump shaft

Bearing

Brass (CuZn40Pb2)

Plastic (PPE/PS - 30% GF)

Ceramic

Carbon, synthetic resin impregnated

## Minimum suction head at suction port for avoiding cavitation at water pumping temperature

Minimum suction head at 40 / 65 °C

0.5 / 2 m

## Information for order placements

Make

Type

Art no.

Weight approx.  $m$

Wilo

Star-Z NOVA A

4132751

1.11 kg

# Dimensions and dimensions drawings: Star-Z NOVA A

Dimension drawing

