



Wilo-Isar BOOST5 (new generation as of 2025)

Data sheet

Hydraulic data

Nominal volume flow rate Q_N	3 m ³ /h
Max. fluid temperature T_{max}	40 °C
Min. fluid temperature T_{min}	0 °C
Min. ambient temperature T_{min}	0 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Rated power P_2	0,75 kW
Rated current I_N	7,5 A
Rated speed n	3600 1/min
Insulation class	F
Protection class motor	IPX4

Materials

Pump housing	PA66-GF50
Impeller	PPE/PS-GF20
Shaft	Stainless steel
Shaft seal	BQ7P2GG

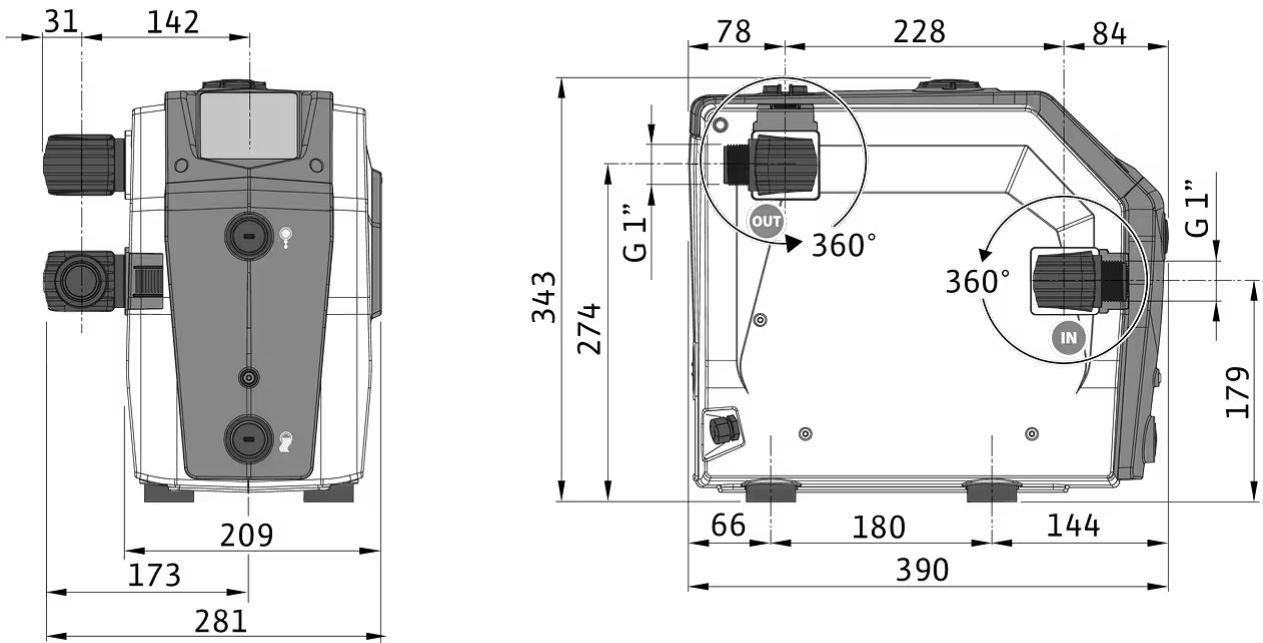
Installation dimensions

Pipe connection on the suction side DN_s	G 1
Pipe connection on the discharge side DN_d	G 1

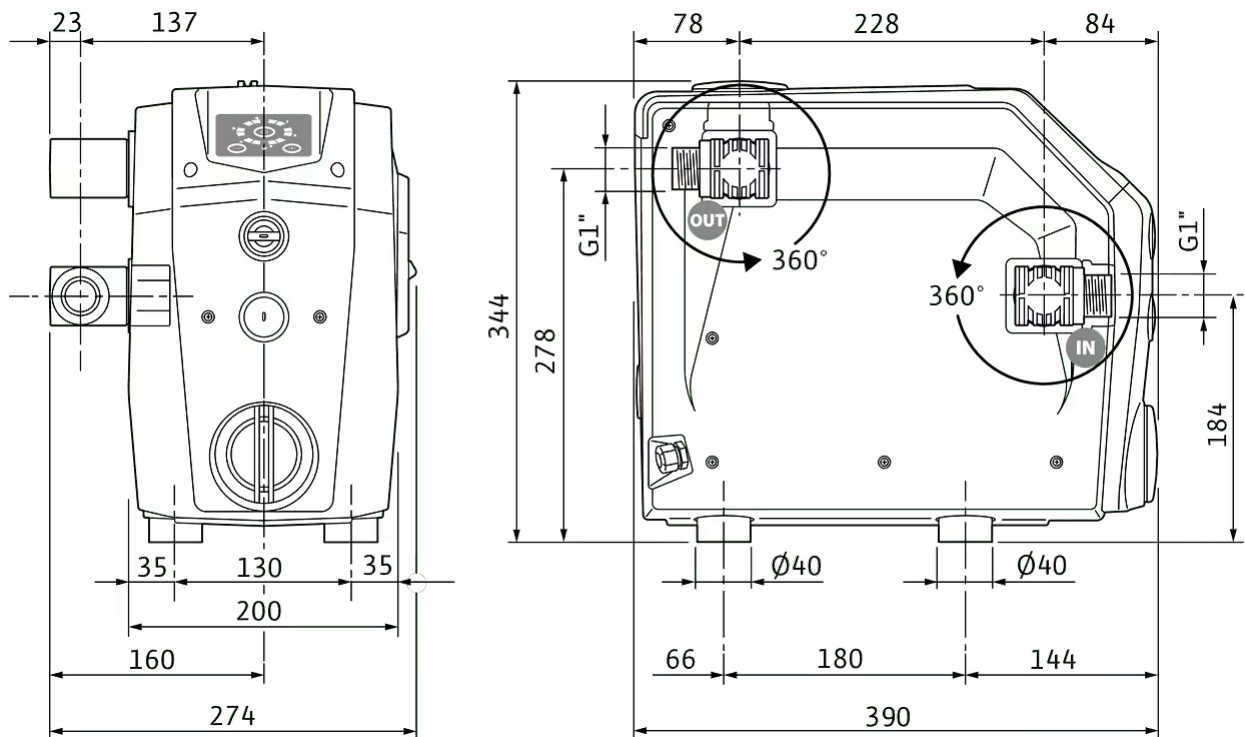
Pump curves

Dimensions and dimensions drawings

Wilo-IsarBOOST5-E-...-2G



Wilo-Isar BOOST5



Ordering information**Product data**

Brand	Wilo
Product description	Isar BOOST5-E-3-2G-G
Article number	4271552 
EAN number	4062679450346
Colour	white/grey
Minimum order quantity	1
Date of sales availability	2025-05-31

Packaging

Packaging type	Cardboard box
Packaging property	Sales packaging
Pieces per pallet	18
Number per layer	6

Dimension, weight

Length with packaging	515 mm
Length <i>L</i>	390 mm
Height with packaging	390 mm
Height <i>H</i>	343 mm
Width with packaging	259 mm
Width <i>W</i>	281 mm
Gross weight, approx. <i>m</i>	15,9 kg
Net weight, approx. <i>m</i>	15 kg

Tender text

Multistage, self-priming automatic pressure boosting pumps in horizontal design for domestic applications. Suitable for use in water supply, irrigation and rainwater utilization.

Easy to install plug & pump pressure-boosting system in a compact construction. User-friendly, thanks to the display for easy adjustment and monitoring. Quiet operation thanks to variable speed operation.

The pressure-boosting system is equipped with a frequency converter for variable speed control. Therefore, it can operate at a constant pressure and, correspondingly, power consumption is significantly reduced. The nominal pressure can be set at up to 5.5 bar.

The operational reliability is ensured by the following internal safety devices:

- > Dry-running protection
- > Overpressure
- > Excess temperature for the motor and the electronics
- > Overcurrent
- > Over and undervoltage

Operating data

Product data

Maximum operating pressure P_N	10 bar
Min. fluid temperature T_{min}	0 °C
Max. fluid temperature T_{max}	40 °C
Min. ambient temperature T_{min}	0 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Voltage tolerance	±10 %
Rated power P_2	0,75 kW
Rated current I_N	7,5 A
Rated speed n	3600 1/min
Insulation class	F
Protection class	IPX4

Special features / Product advantages

Easy installation, thanks to ready-to-plug design.

Perfect integration into the customer environment thanks to compact and modern design.

User-friendly operation due to LED display and push buttons.

Low-noise operation thanks to noise-blocking covers.

Built-in frequency converter for a comfortable constant pressure control and a soft start.

Low power consumption thanks to needs-based supply.

Safe operation thanks to extensive integrated protection functions.

Scope of delivery

Pump

Installation and operating instructions

Cable

Mains plug	Type G
------------	--------

Materials

Pump housing	PA66-GF50
Impeller	PPE/PS-GF20
Shaft	Stainless steel
Shaft seal	BQ7P2GG

Installation dimensions

Pipe connection on the suction side DN_s	G 1
Pipe connection on the discharge side DN_d	G 1

Ordering information

Brand	Wilo
Product description	Isar BOOST5-E-3-2G-G
Net weight, approx. m	15 kg
Article number	4271552 

Mechanical accessories

Fittings

Shut-off valve

Ball valve Rp 1	2663980
-----------------	---------

Hoses / hose joints

Suction/pressure hose kit

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

Suction hose set

Suction hose set G1, 7 m	4027874
Suction hose set G1½, 7 m	4056081

Pipe installation

Screwed connections/adapters

Hose adapter - 1" female thread	4255235
---------------------------------	---------

Suction filter

Coarse suction filter (floating extractor)

Coarse suction filter G	2024959
Coarse suction filter GR	2024960

Fine suction filter (floating extractor)

Fine suction filter F	2024961
Fine suction filter FR	2024962

Wall fixation/installation on a base

Wall bracket

Wall bracket for the Wilo-Isar BOOST5	4253549
---------------------------------------	---------

Electrical accessories

Pump control/accessories

Isar BOOST extension card

Electronic expansion board for the Wilo-Isar BOOST5	4252615
---	---------

Level control

Float switch WA

Float switch WA KR1 S with 5 m cable	6082806
Float switch WA KR1 S with 10 m cable	6082807