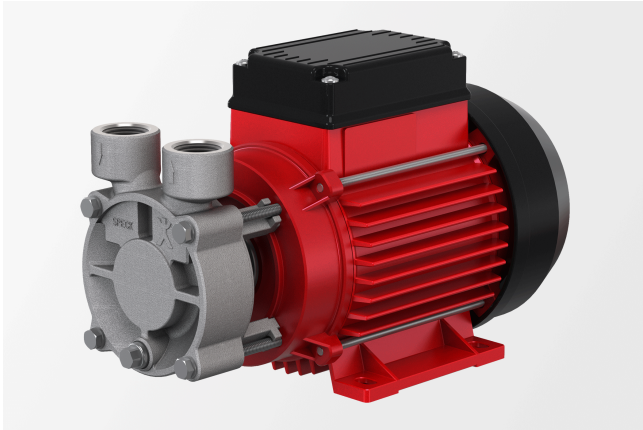


Product data sheet

Regenerative turbine pump

Close-coupled pump with mechanical seal



Description

- » Regenerative turbine pump
- » Close-coupled pump
- » Mechanical seal
- » Suitable for the delivery of gas shares
- » High pressures with a compact design
- » Steep characteristic curve

Markets and applications

Industrial cooling

- » Chillers/cooling machines
- » Cooling appliances

Plastics processing

- » Tool tempering for injection moulding

Temperature control

- » Laboratory tempering devices
- » Hot-water tempering devices
- » Oil tempering devices
- » Tool tempering for aluminium injection moulding
- » Tool tempering for plastic injection moulding

Heating and cooling technology

- » Thermal oil systems
- » Filling and emptying thermal oil systems
- » Transportation of cooling brine

Get in touch with us!

Speck Pumpen Walter Speck GmbH & Co. KG
Regensburger Ring 6-8
91154 Roth
Deutschland

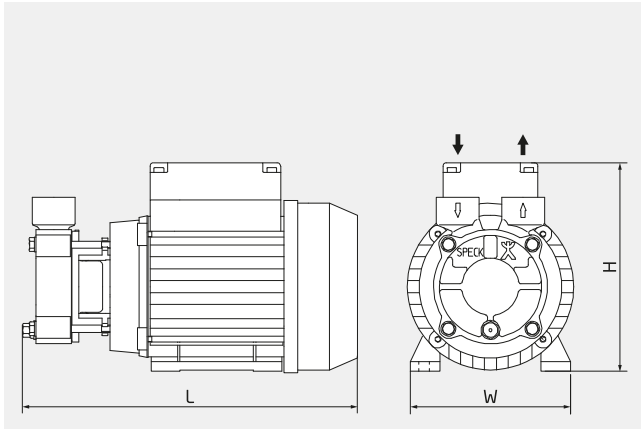
Make a non-binding enquiry

+49 9171 809 0

info@speck.de

Technical data

International system of units, alternating current 50 Hz

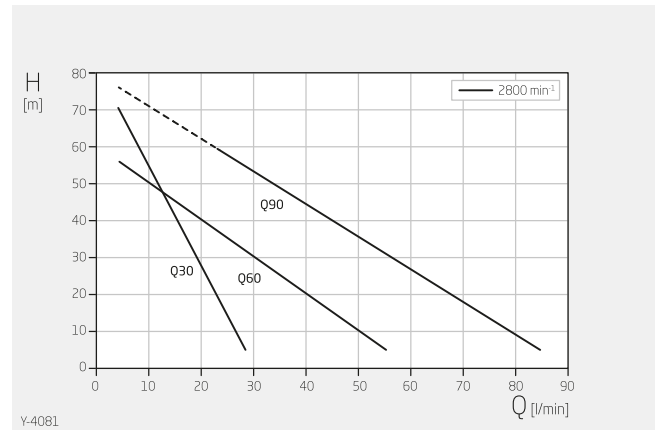


H 175–190 mm

W 135–153 mm

L 276–300 mm

Dimensions may vary depending on the design.

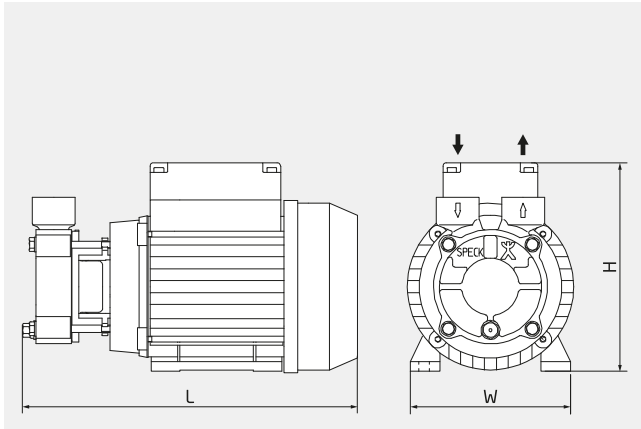


Specifications apply for water at 20°C and nominal speed.

Product type	Regenerative turbine pump
Shaft sealing	Mechanical seal
Pump design	Close-coupled pump
Typical media	Water max. +140 °C Oil max. +160 °C
Self-priming	No
Variable speed	Frequency-converter-compatible motor on request
Total head	5–70 m
Flow rate	5–85 l/min
Nominal pressure	PN 10
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	Top/top: 0.75 – 1.50 kW ax/top: 0.75 – 1.00 kW
Nominal motor speed	2800 rpm
Suction-side connection design	Thread: G, NPT, Rc/PT
Suction-side connection size	Top/top: G ¾" ax/top G 1"
Pressure-side connection design	Thread: G, NPT, Rc/PT
Pressure-side connection size	G ¾"
Material designs	Stainless steel Brass
Explosion protection	None II 3G, II 3D II 2G, II 2D

Technical data

International system of units, alternating current 60 Hz

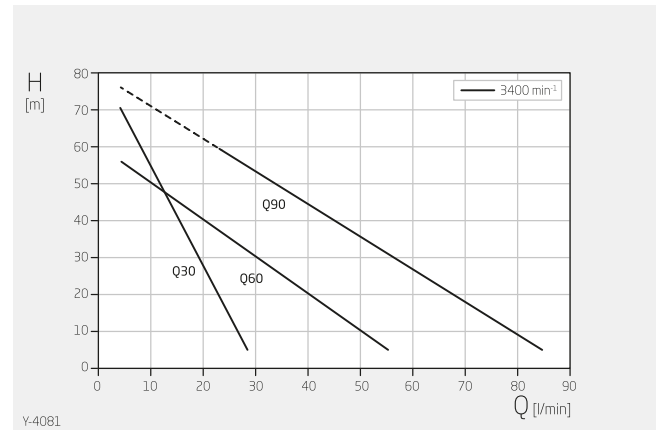


H 175–190 mm

W 135–153 mm

L 276–300 mm

Dimensions may vary depending on the design.

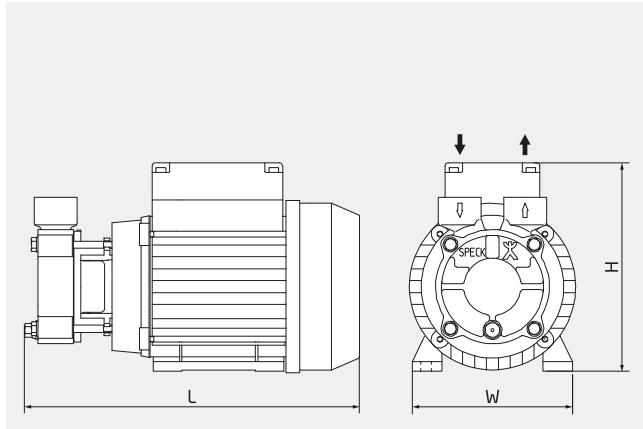


Specifications apply for water at 20°C and nominal speed.

Product type	Regenerative turbine pump
Shaft sealing	Mechanical seal
Pump design	Close-coupled pump
Typical media	Water max. +140 °C Oil max. +160 °C
Self-priming	No
Variable speed	Frequency-converter-compatible motor on request
Total head	5–70 m
Flow rate	5–85 l/min
Nominal pressure	PN 10
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	Top/top: 0.75 – 1.50 kW ax/top: 0.75 – 1.00 kW
Nominal motor speed	3400 rpm
Suction-side connection design	Thread: G, NPT, Rc/PT
Suction-side connection size	Top/top: G ¾" ax/top G 1"
Pressure-side connection design	Thread: G, NPT, Rc/PT
Pressure-side connection size	G ¾"
Material designs	Stainless steel Brass
Explosion protection	None II 3G, II 3D II 2G, II 2D

Technical data

Anglo-American system of measurement, alternating current 60 Hz

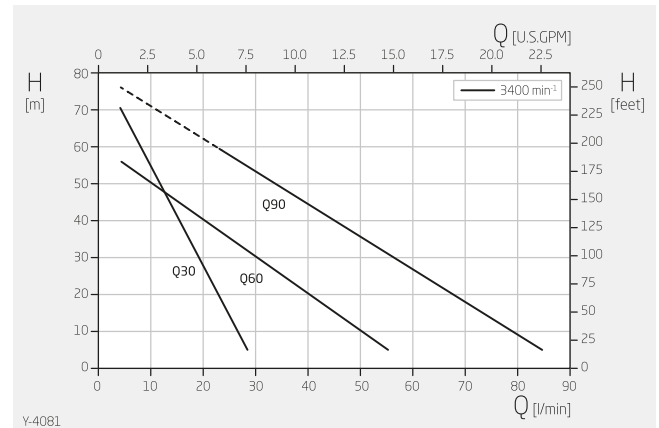


H 6,89-7,48 inch

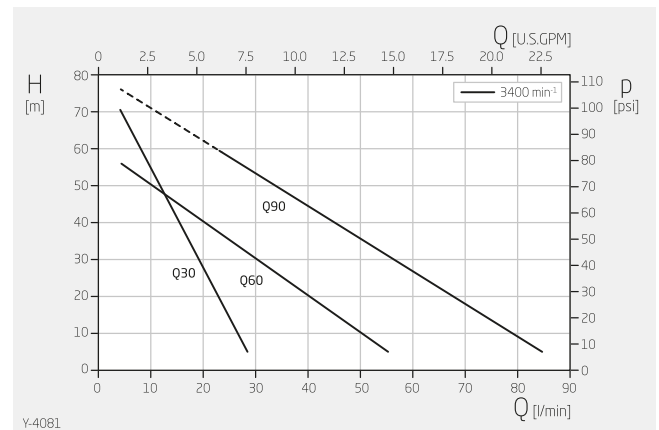
W 5,31-6,02 inch

L 10,87-11,81 inch

Dimensions may vary depending on the design.



Specifications apply for water at 68°F and nominal speed.



Specifications apply for water at 68°F and nominal speed.

Product type	Regenerative turbine pump
Shaft sealing	Mechanical seal
Pump design	Close-coupled pump
Typical media	Water max. +284 °F Oil max. +320 °F
Self-priming	No
Variable speed	Frequency-converter-compatible motor on request
Total head	16-230 ft
Flow rate	1.3-22.5 USGPM
Nominal pressure	PN 10
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	Top/top: 1.00 – 2.00 HP ax/top: 1.00 – 1.34 HP
Nominal motor speed	3400 rpm
Suction-side connection design	Thread: G, NPT, Rc/PT
Suction-side connection size	Top/top: G ¾" ax/top G 1"
Pressure-side connection design	Thread: G, NPT, Rc/PT
Pressure-side connection size	G ¾"
Material designs	Stainless steel Brass
Explosion protection	None II 3G, II 3D II 2G, II 2D