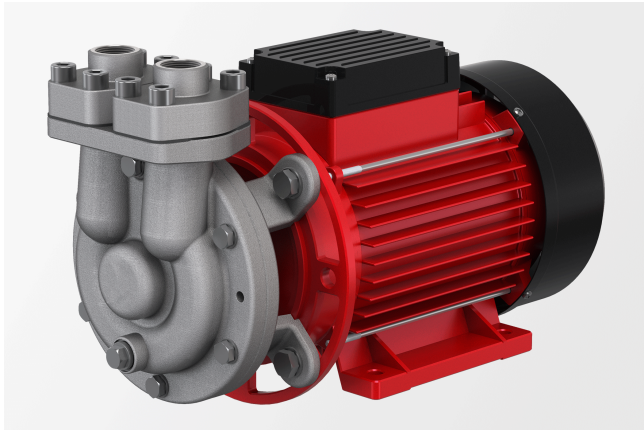


## Product data sheet

### 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

## 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!

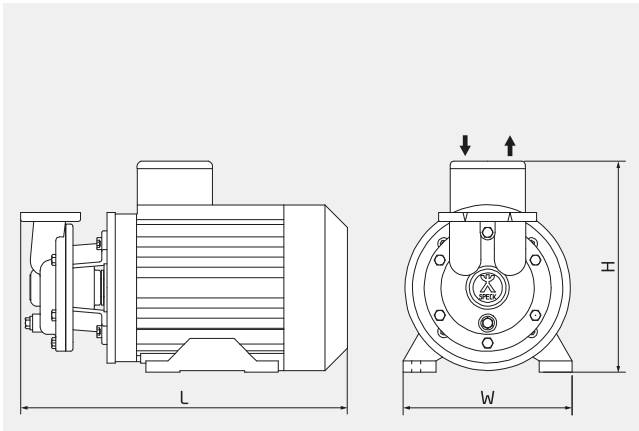
Speck Pumpen Walter Speck GmbH & Co. KG  
Regensburger Ring 6-8  
91154 Roth  
Deutschland

### Make a non-binding enquiry

info@speck.de

## Technical data

International system of units, alternating current 50 Hz

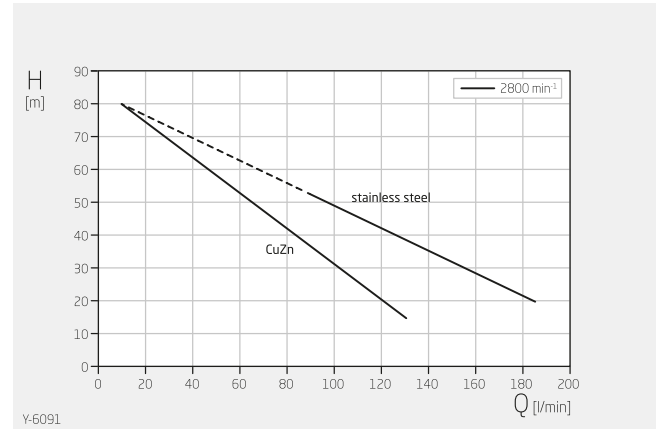


H 243-280 mm

W 176-225 mm

L 404-438 mm

Dimensions may vary depending on the design.

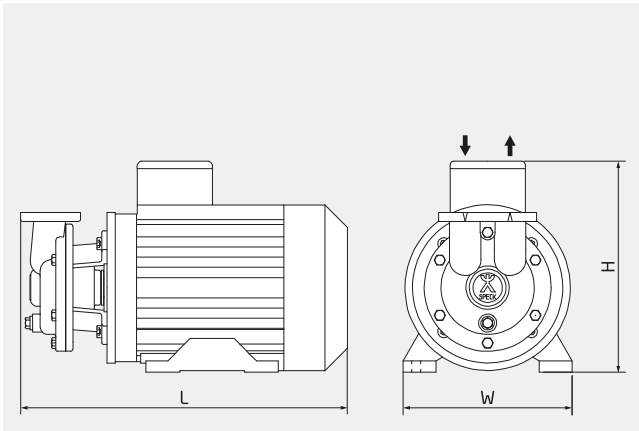


Specifications apply for water at 20°C and nominal speed.

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	15-80 m
Flow rate	15-185 l/min
Nominal pressure	PN 10
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	2.8 - 4.0 kW
Nominal motor speed	2800 rpm
Suction-side connection design	Threaded
Suction-side connection size	CuZn: SAE 1" 1.4581: SAE 1 &frac14"/G 1 1/4"
Pressure-side connection design	Threaded
Pressure-side connection size	CuZn: SAE 1" 1.4581: SAE 1 &frac14"/G 1 1/4"
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

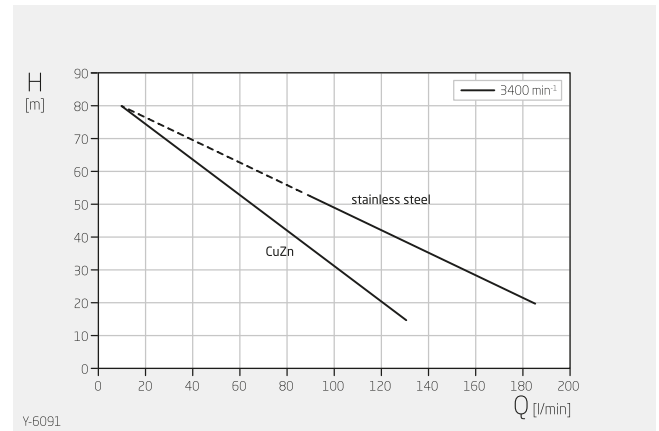


H 243-280 mm

W 176-225 mm

L 404-438 mm

Dimensions may vary depending on the design.

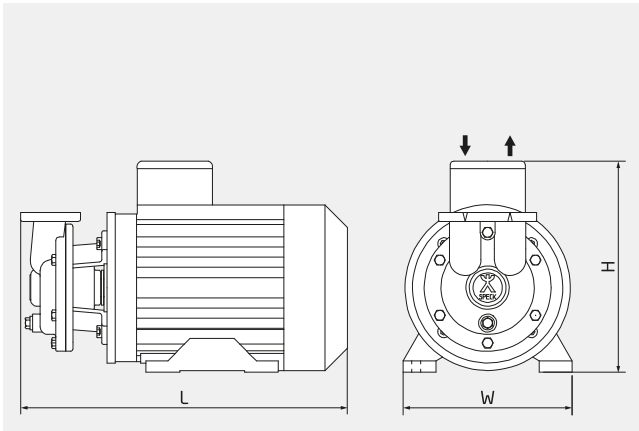


Specifications apply for water at 20°C and nominal speed.

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	15-80 m
Flow rate	15-185 l/min
Nominal pressure	PN 10
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	2.8 - 4.0 kW
Nominal motor speed	3400 rpm
Suction-side connection design	Threaded
Suction-side connection size	CuZn: SAE 1" 1.4581: SAE 1 &frac14"/G 1 1/4"
Pressure-side connection design	Threaded
Pressure-side connection size	CuZn: SAE 1" 1.4581: SAE 1 &frac14"/G 1 1/4"
Material designs	Stainless steel Brass
Explosion protection	None II 3G, II 3D II 2G, II 2D

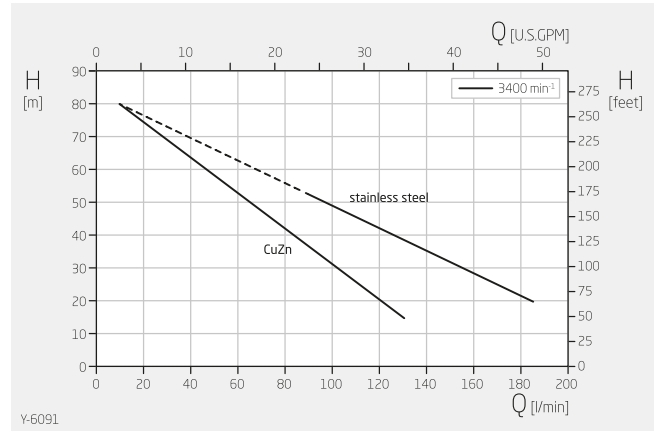
## Technical data

Anglo-American system of measurement, alternating current 60 Hz

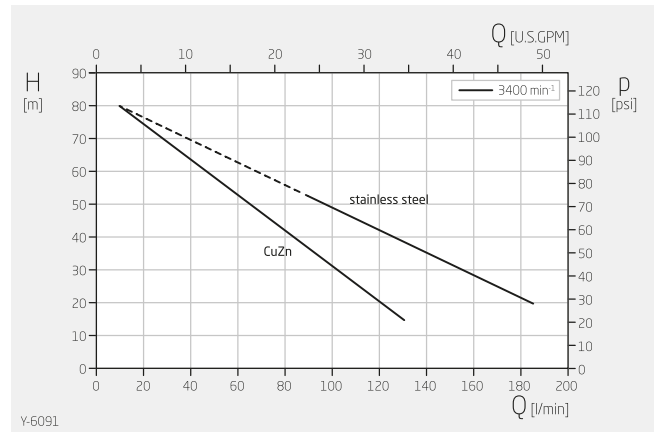


H	9,57-11,02 inch
W	6,93-8,86 inch
L	15,91-17,24 inch

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	49-262 ft
Flow rate	4.0-48.9 USGPM
Nominal pressure	PN 10
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	3.8 - 5.4 HP
Nominal motor speed	3400 rpm
Suction-side connection design	Threaded
Suction-side connection size	CuZn: SAE 1" 1.4581: SAE 1 &frac14"/G 1 1/4"
Pressure-side connection design	Threaded
Pressure-side connection size	CuZn: SAE 1" 1.4581: SAE 1 &frac14"/G 1 1/4"
Material designs	Stainless steel Brass
Explosion protection	None II 3G, II 3D II 2G, II 2D