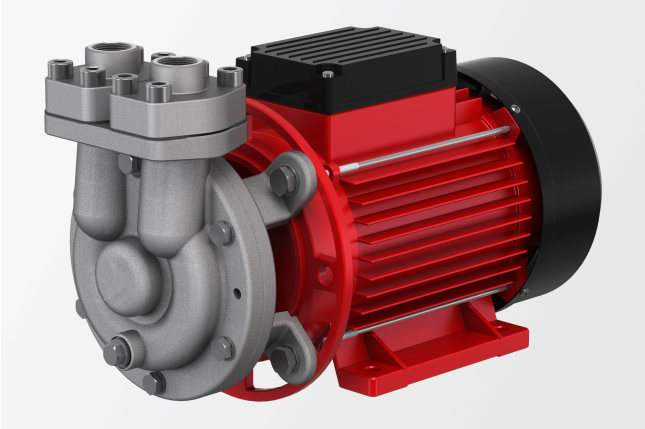
circutec

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!

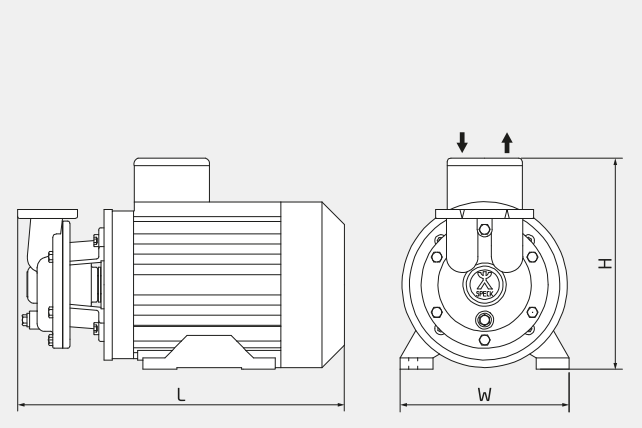
SPECK Australia
Unit 2, 6 Glory Road
Gnangara WA 6077 Australia
Phone NZ: +61 8 6201 1286

Make a non-binding enquiry

sales@speckaustralia.com

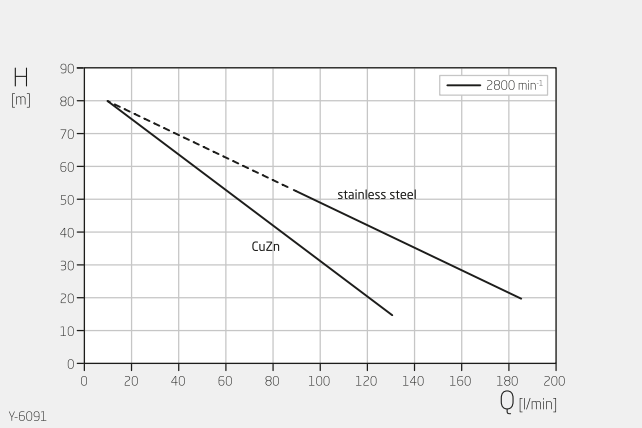
Technical data

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.

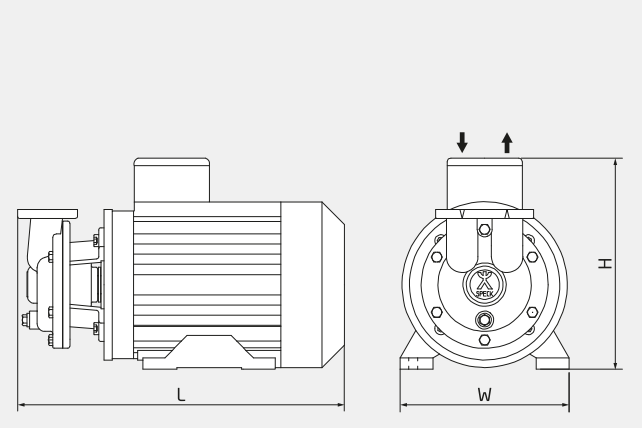


Specifications apply for water at 20°C and nominal speed.

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 ¼"
Pressure-side connection design	Threaded
Pressure-side connection size	CuZn: SAE 1" 1.4581: SAE 1 &frac14"/G 1 ¼"
Material designs	Stainless steel Brass
Explosion protection	None II 3G, II 3D II 2G, II 2D

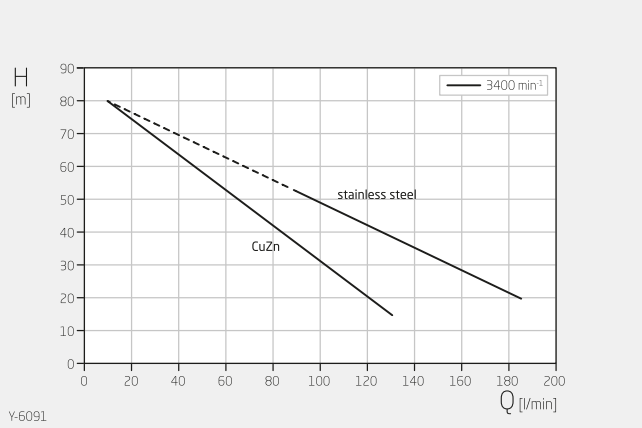
Technical data

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.

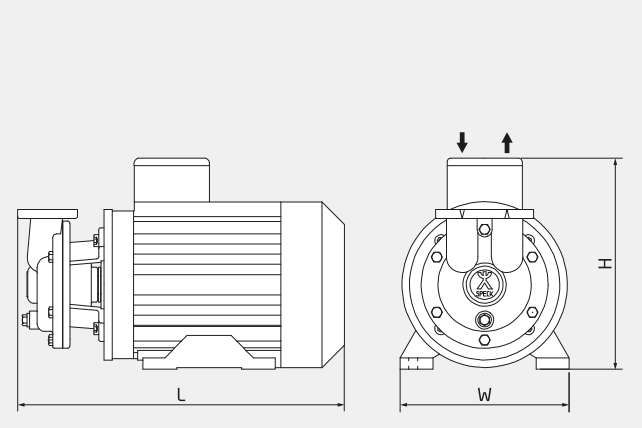


Specifications apply for water at 20°C and nominal speed.

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 ¼"
Pressure-side connection design	Threaded
Pressure-side connection size	CuZn: SAE 1" 1.4581: SAE 1 &frac14"/G 1 ¼"
Material designs	Stainless steel Brass
Explosion protection	None II 3G, II 3D II 2G, II 2D

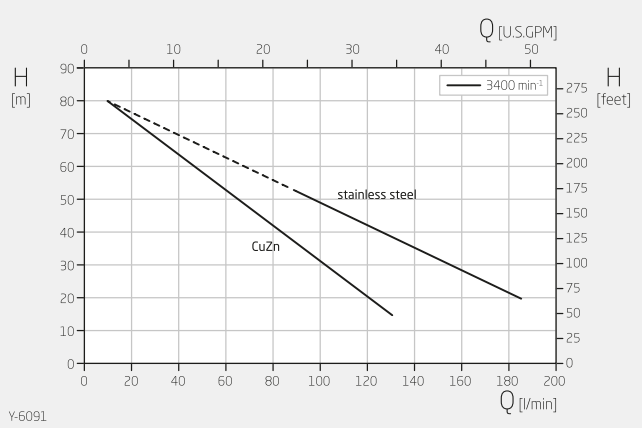
Technical data

Anglo-American system of measurement, alternating current 60 Hz

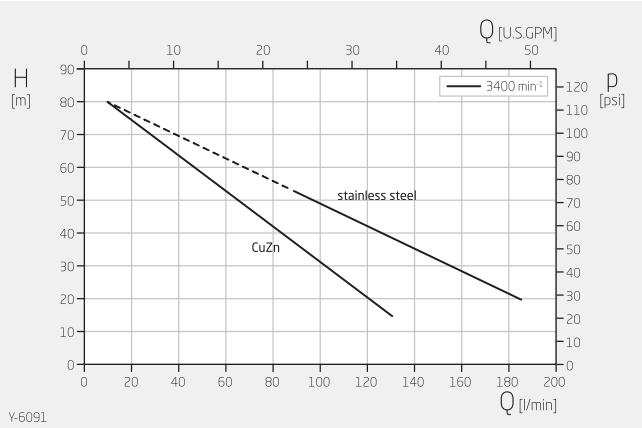


H	9,57–11,02 inch
W	6,93–8,86 inch
L	15,91–17,24 inch

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 ¼"
Pressure-side connection design	Threaded
Pressure-side connection size	CuZn: SAE 1" 1.4581: SAE 1 &frac14"/G 1 ¼"
Material designs	Stainless steel Brass
Explosion protection	None II 3G, II 3D II 2G, II 2D