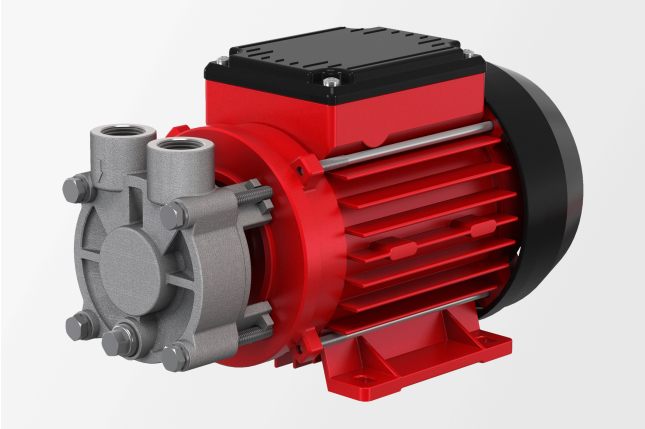
circutec

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
- Steep characteristic curve

Markets and applications

Industrial cooling

- Chillers/cooling machines
- Cooling appliances
- Welding appliances
- Plasma cutters
- Industrial lasers

Temperature control

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

Get in touch with us!

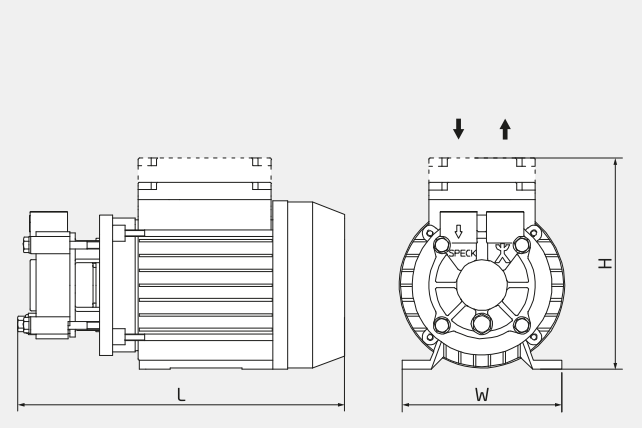
SPECK Australia
Unit 2, 6 Glory Road
Gnangara WA 6077 Australia
Phone NZ: +61 8 6201 1286

Make a non-binding enquiry

sales@speckaustralia.com

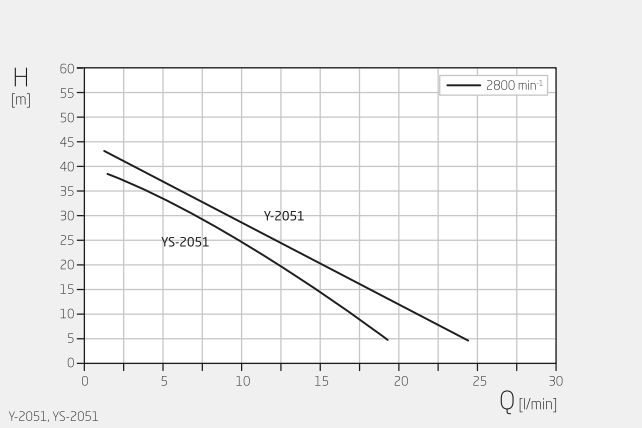
Technical data

International system of units, alternating current 50 Hz



H	140–158 mm
W	120 mm
L	241 mm

Dimensions may vary depending on the design.

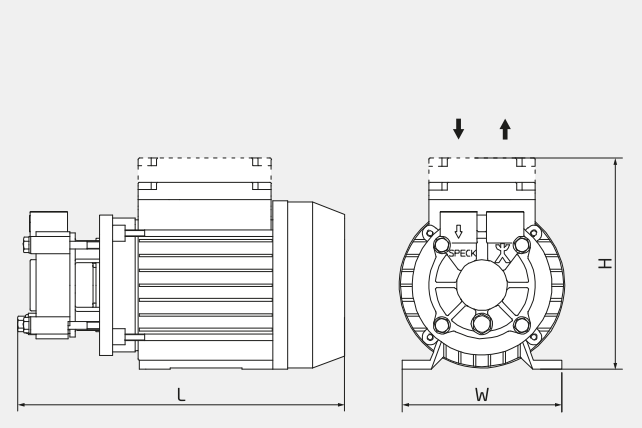


Specifications apply for water at 20°C and nominal speed.

Product type	Regenerative turbine pump
Shaft sealing	Mechanical seal
Pump design	Close-coupled pump
Typical media	Water max. +140 °C Oil max. +140 °C
Self-priming	No
Variable speed	Frequency-converter-compatible motor on request
Total head	5–47 m
Flow rate	2–24 l/min
Nominal pressure	PN 10
Motor current type	1~ 3~
Type of motor	Asynchronous motor
Nominal motor power	0.35 – 0.5 kW
Nominal motor speed	2800 rpm
Suction-side connection design	Thread: G, NPT
Suction-side connection size	Top/top: G ½" ax/top G 1"
Pressure-side connection design	Thread: G, NPT
Pressure-side connection size	Top/top: G ½" ax/top G ½"
Material designs	Stainless steel Brass PPS
Explosion protection	None II 3G, II 3D II 2G, II 2D

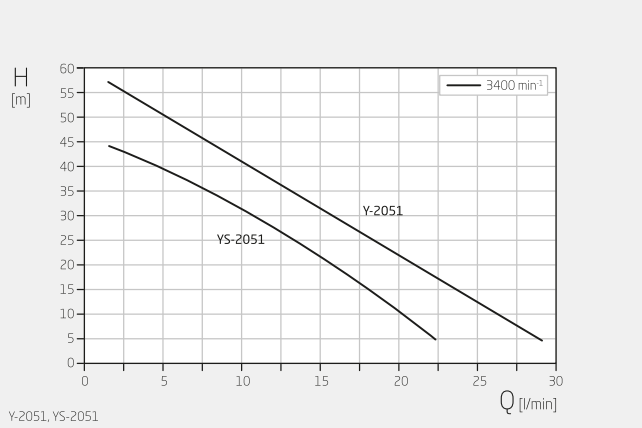
Technical data

International system of units, alternating current 60 Hz



H	140–158 mm
W	120 mm
L	241 mm

Dimensions may vary depending on the design.

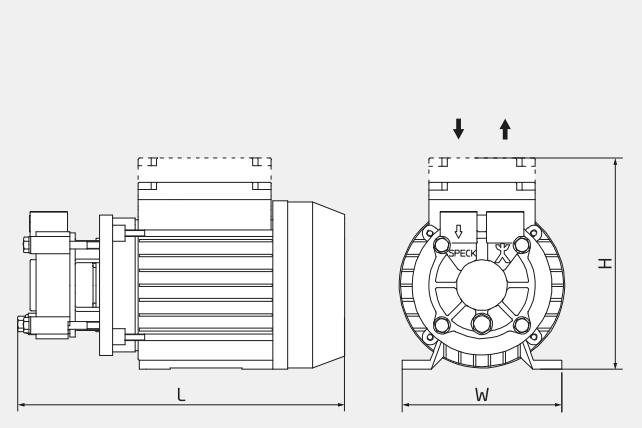


Specifications apply for water at 20°C and nominal speed.

Product type	Regenerative turbine pump
Shaft sealing	Mechanical seal
Pump design	Close-coupled pump
Typical media	Water max. +140 °C Oil max. +140 °C
Self-priming	No
Variable speed	Frequency-converter-compatible motor on request
Total head	5–57 m
Flow rate	2–28 l/min
Nominal pressure	PN 10
Motor current type	1~ 3~
Type of motor	Asynchronous motor
Nominal motor power	0.35 – 0.5 kW
Nominal motor speed	3400 rpm
Suction-side connection design	Thread: G, NPT
Suction-side connection size	Top/top: G ½" ax/top G 1"
Pressure-side connection design	Thread: G, NPT
Pressure-side connection size	Top/top: G ½" ax/top G ½"
Material designs	Stainless steel Brass PPS
Explosion protection	None II 3G, II 3D II 2G, II 2D

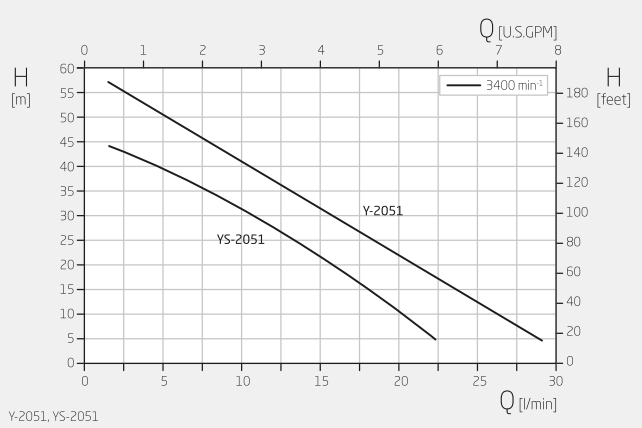
Technical data

Anglo-American system of measurement, alternating current 60 Hz

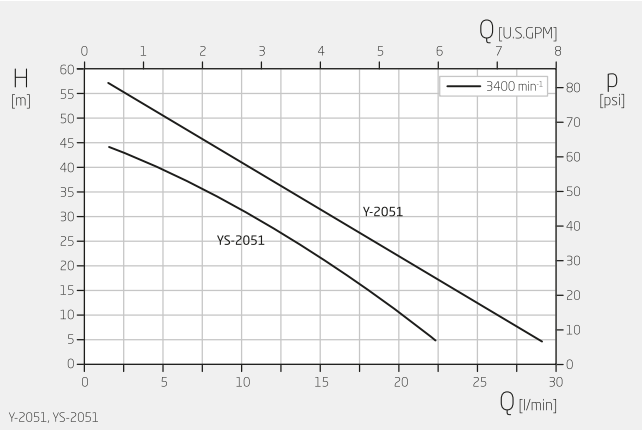


H	5,51–6,22 inch
W	4,72 inch
L	9,49 inch

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. +284 °F
Self-priming	No
Variable speed	Frequency-converter-compatible motor on request
Total head	16–187 ft
Flow rate	0.5–7.4 USGPM
Nominal pressure	PN 10
Motor current type	1~ 3~
Type of motor	Asynchronous motor
Nominal motor power	0.47 – 0.67 HP
Nominal motor speed	3400 rpm
Suction-side connection design	Thread: G, NPT
Suction-side connection size	Top/top: G ½" ax/top G 1"
Pressure-side connection design	Thread: G, NPT
Pressure-side connection size	Top/top: G ½" ax/top G ½"
Material designs	Stainless steel Brass PPS

Explosion protection	None II 3G, II 3D II 2G, II 2D