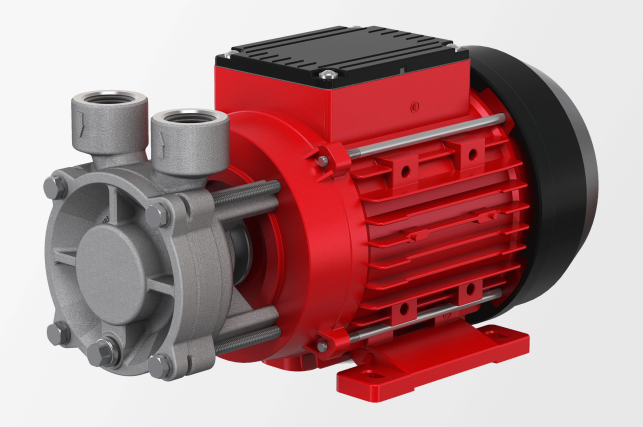
circutec

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

Energy technology

- Delivery and circulation in closed circuits

Industrial cooling

- Chillers/cooling machines
- Cooling appliances

Plastics processing

- Tool tempering for injection moulding

Get in touch with us!

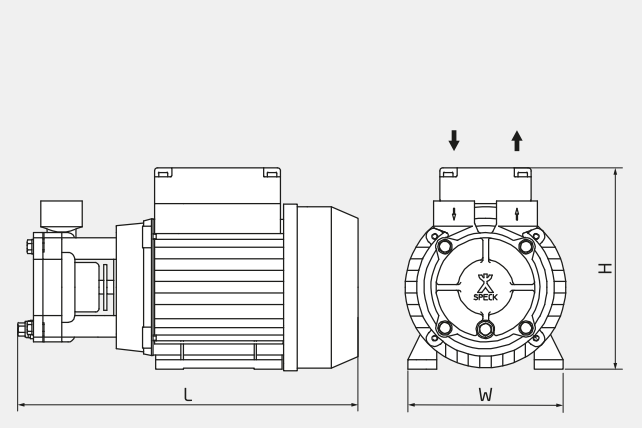
SPECK Australia
Unit 2, 6 Glory Road
Gnangara WA 6077 Australia
Phone NZ: +61 8 6201 1286

Make a non-binding enquiry

sales@speckaustralia.com

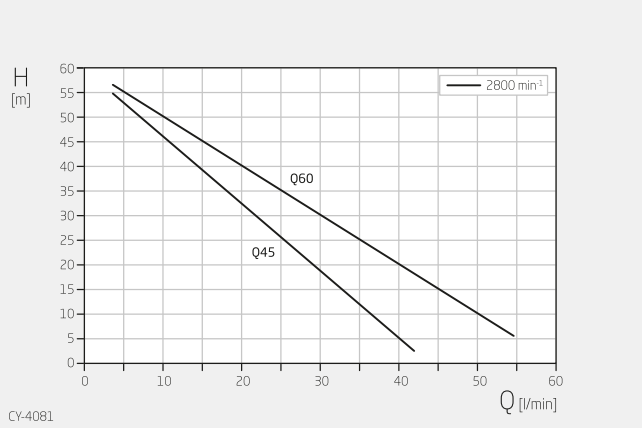
Technical data

International system of units, alternating current 50 Hz



H	175 mm
W	135 mm
L	288 mm

Dimensions may vary depending on the design.

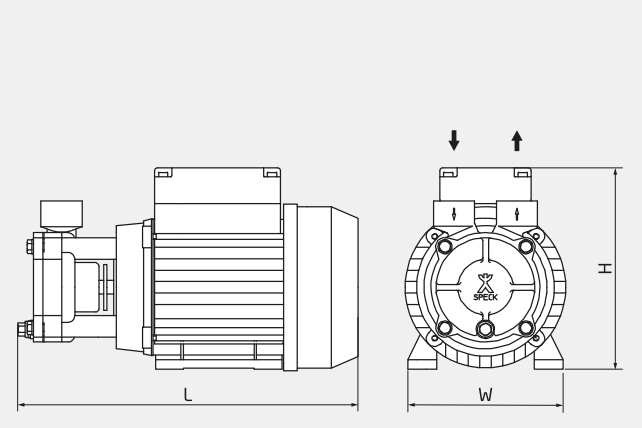


Specifications apply for water at 20°C and nominal speed.

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	3–57 m
Flow rate	3–55 l/min
Nominal pressure	PN 12
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	0.55 – 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	Top/top: G ¾" ax/top G ¾"
Material designs	Stainless steel Brass
Explosion protection	None II 3G, II 3D II 2G, II 2D

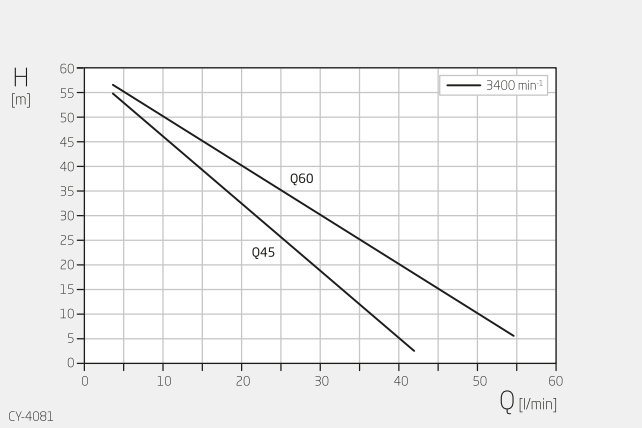
Technical data

International system of units, alternating current 60 Hz



H	175 mm
W	135 mm
L	288 mm

Dimensions may vary depending on the design.



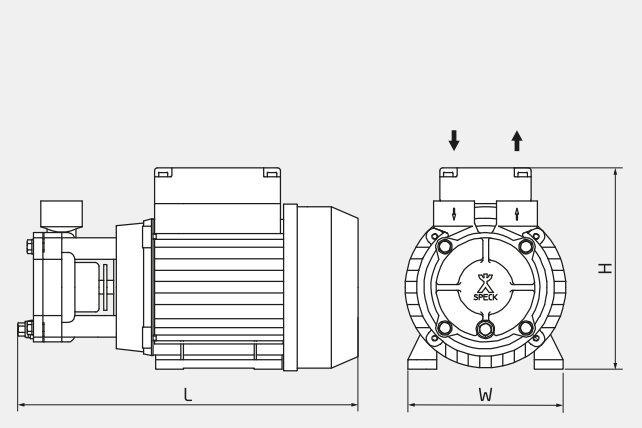
Specifications apply for water at 20°C and nominal speed.

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	3–57 m
Flow rate	3–55 l/min
Nominal pressure	PN 12
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	0.55 – 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	Top/top: G ¾" ax/top G ¾"
Material designs	Stainless steel Brass
Explosion protection	None II 3G, II 3D II 2G, II 2D

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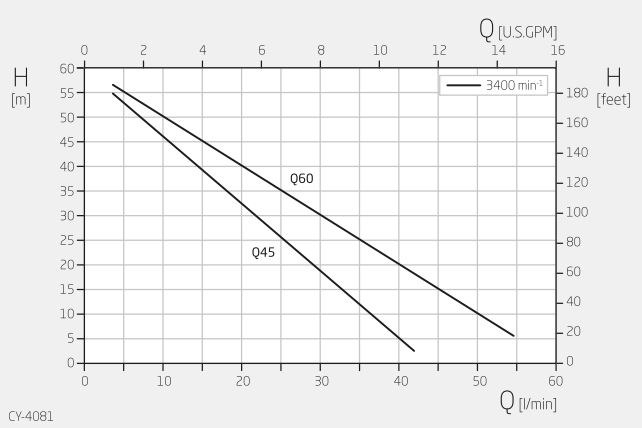
Technical data

Anglo-American system of measurement, alternating current 60 Hz

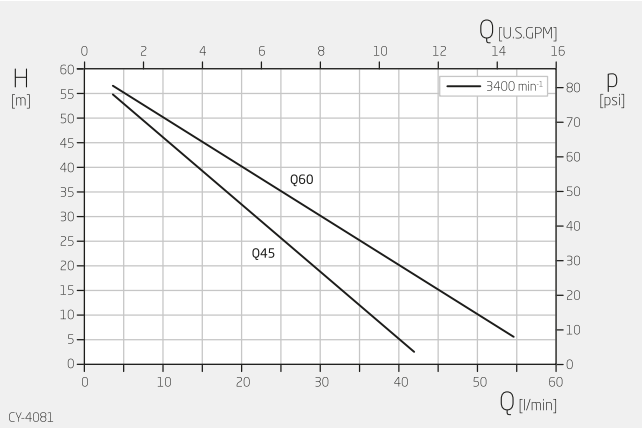


H	6,89 inch
W	5,31 inch
L	11,34 inch

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	10–187 ft
Flow rate	0.8–14.5 USGPM
Nominal pressure	PN 12
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	0.74 – 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	Top/top: G ¾" ax/top G ¾"
Material designs	Stainless steel Brass
Explosion protection	None II 3G, II 3D II 2G, II 2D