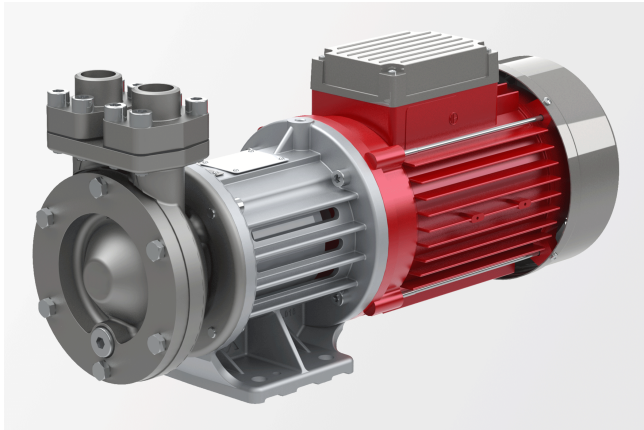


Product data sheet

Regenerative turbine pump

Bracket pump with magnetic coupling



Description

- » Regenerative turbine pump
- » Bracket pump
- » Magnetic coupling
- » Hermetically sealed
- » Suitable for the delivery of gas shares
- » Steep characteristic curve

Markets and applications

Industrial cooling

- » Chillers/cooling machines
- » Cooling appliances
- » Semiconductor manufacturing
- » Industrial processes up to -100°C

Plastics processing

- » Tool tempering for injection moulding

Road and rail

- » Cooling of electrical and mechanical vehicle components, e.g. traction coolers, gearboxes and batteries

Temperature control

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

Get in touch with us!

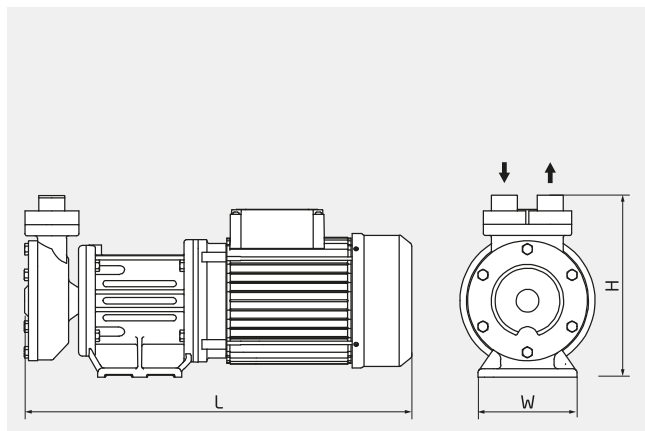
SPECK Australia
Unit 2, 6 Glory Road
Gnangara WA 6077 Australia
Phone NZ: +61 8 6201 1286

Make a non-binding enquiry

sales@speckaustralia.com

Technical data

International system of units, alternating current 50 Hz

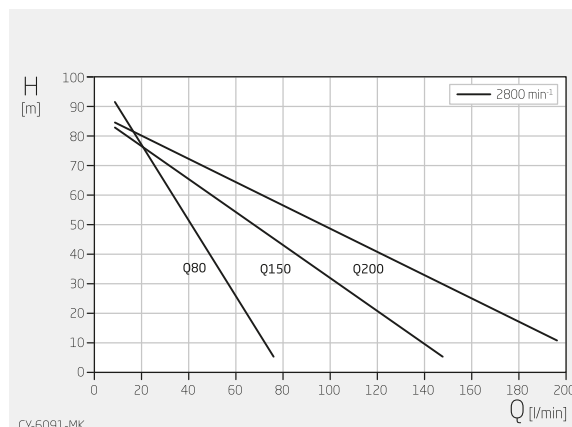


H 238-257 mm

W 130-140 mm

L 201-739 mm

Dimensions may vary depending on the design.

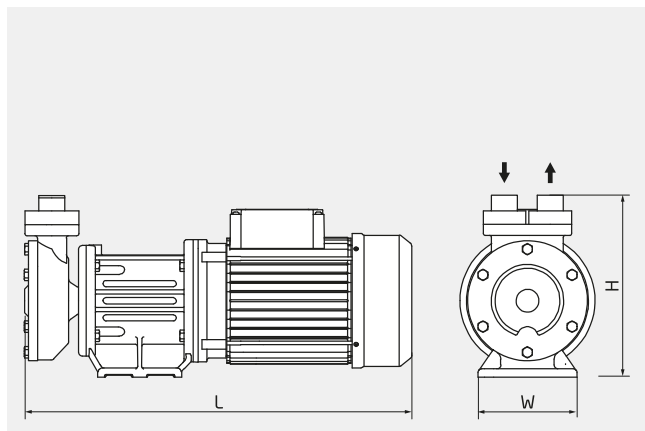


Specifications apply for water at 20°C and nominal speed.

Product type	Regenerative turbine pump
Shaft sealing/coupling	None/magnetic coupling
Pump design	Bracket pump
Typical media	Water max. +200 °C Oil max. +350 °C Dielectric inert fluids min. -100 °C, max. +180 °C
Self-priming	No
Variable speed	Frequency-converter-compatible motor on request
Total head	5-92 m
Flow rate	15-200 l/min
Nominal pressure	PN 16 - PN 50
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	2.8 - 5.5 kW
Nominal motor speed	2900 rpm
Suction-side connection design	Thread: G, NPT, Rc/PT SAE
Suction-side connection size	G ¾", SAE ¾"
Pressure-side connection design	Thread: G, NPT, Rc/PT SAE
Pressure-side connection size	G ¾", SAE ¾"
Material designs	Stainless steel Spheroidal graphite cast iron
Explosion protection	None II 3G, II 3D II 2G, II 2D

Technical data

International system of units, alternating current 60 Hz

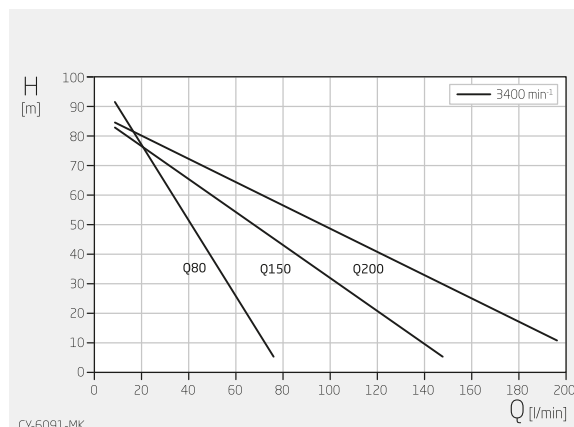


H 238-257 mm

W 130-140 mm

L 201-739 mm

Dimensions may vary depending on the design.

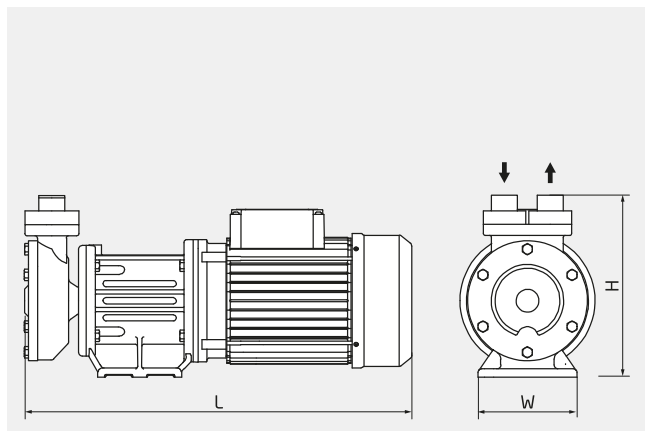


Specifications apply for water at 20°C and nominal speed.

Product type	Regenerative turbine pump
Shaft sealing/coupling	None/magnetic coupling
Pump design	Bracket pump
Typical media	Water max. +200 °C Oil max. +350 °C Dielectric inert fluids min. -100 °C, max. +180 °C
Self-priming	No
Variable speed	Frequency-converter-compatible motor on request
Total head	5-92 m
Flow rate	15-200 l/min
Nominal pressure	PN 16 - PN 50
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	2.8 - 5.5 kW
Nominal motor speed	3500 rpm
Suction-side connection design	Thread: G, NPT, Rc/PT SAE
Suction-side connection size	G ¾", SAE ¾"
Pressure-side connection design	Thread: G, NPT, Rc/PT SAE
Pressure-side connection size	G ¾", SAE ¾"
Material designs	Stainless steel Spheroidal graphite cast iron
Explosion protection	None II 3G, II 3D II 2G, II 2D

Technical data

Anglo-American system of measurement, alternating current 60 Hz

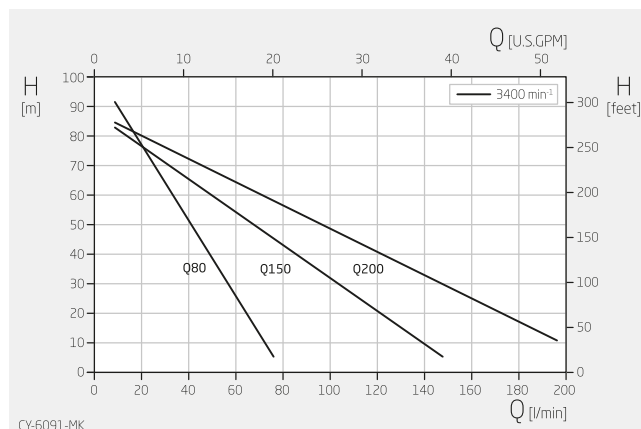


H 9,37-10,12 inch

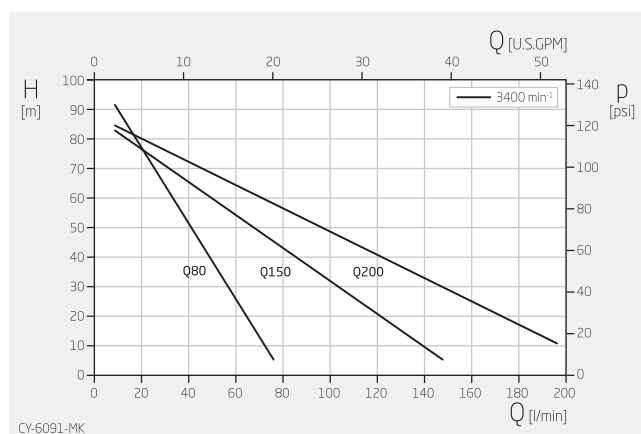
W 5,12-5,51 inch

L 7,91-29,09 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/coupling	None/magnetic coupling
Pump design	Bracket pump
Typical media	Water max. +392 °F Oil max. +662 °F Dielectric inert fluids min. -148 °F, max. +356 °F
Self-priming	No
Variable speed	Frequency-converter-compatible motor on request
Total head	16-302 ft
Flow rate	4.0-52.8 USGPM
Nominal pressure	PN 16 – PN 50
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	3.7 – 7.4 HP
Nominal motor speed	3500 rpm
Suction-side connection design	Thread: G, NPT, Rc/PT SAE
Suction-side connection size	G ¾", SAE ¾"
Pressure-side connection design	Thread: G, NPT, Rc/PT SAE
Pressure-side connection size	G ¾", SAE ¾"
Material designs	Stainless steel Spheroidal graphite cast iron

Explosion protection

None
II 3G, II 3D
II 2G, II 2D
