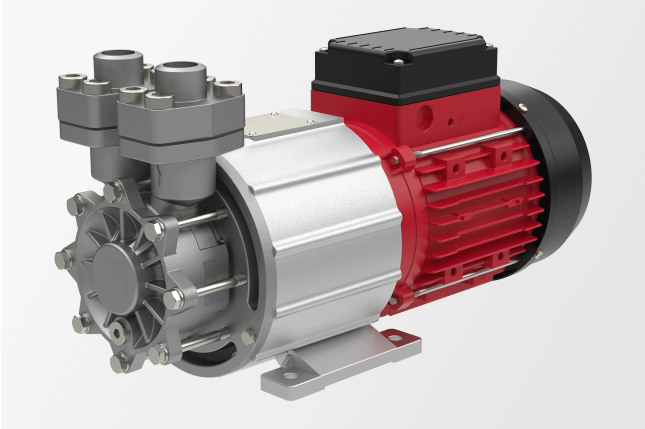
circutec

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!

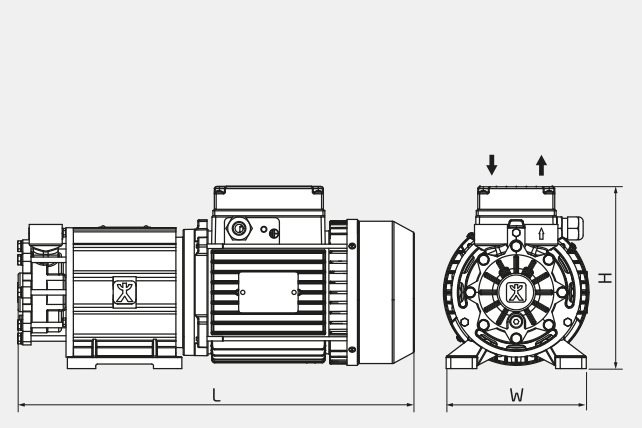
SPECK Australia
Unit 2, 6 Glory Road
Gnangara WA 6077 Australia
Phone NZ: +61 8 6201 1286

Make a non-binding enquiry

sales@speckaustralia.com

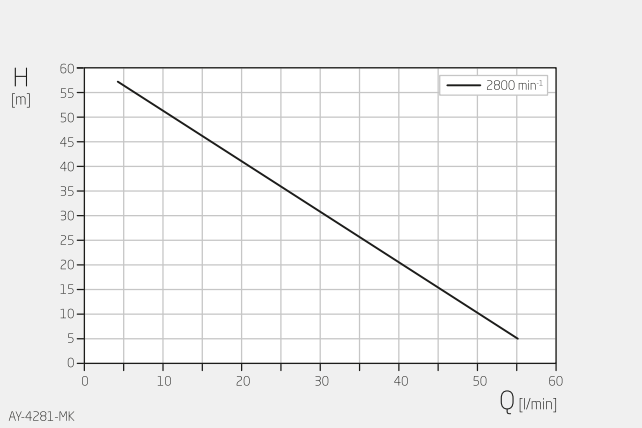
Technical data

International system of units, alternating current 50 Hz



H	148–209 mm
W	139–170 mm
L	334–444 mm

Dimensions may vary depending on the design.

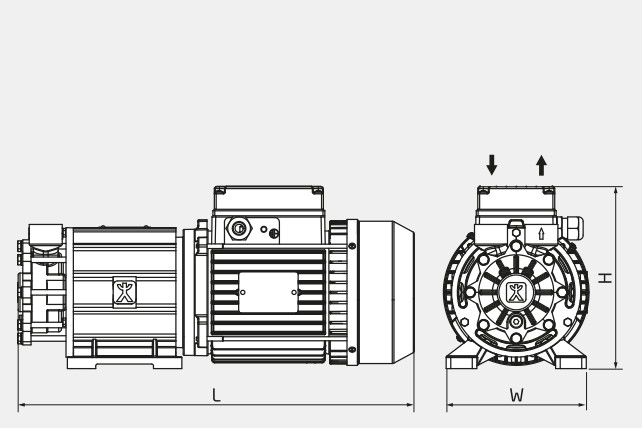


Specifications apply for water at 20°C and nominal speed.

Product type	Regenerative turbine pump
Shaft sealing/coupling	None/magnetic coupling
Pump design	Bracket pump
Typical media	Water max. +230 °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	5–57 m
Flow rate	5–55 l/min
Nominal pressure	PN 16 – PN 100
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	1.0 – 2.8 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
Explosion protection	None II 3G, II 3D II 2G, II 2D

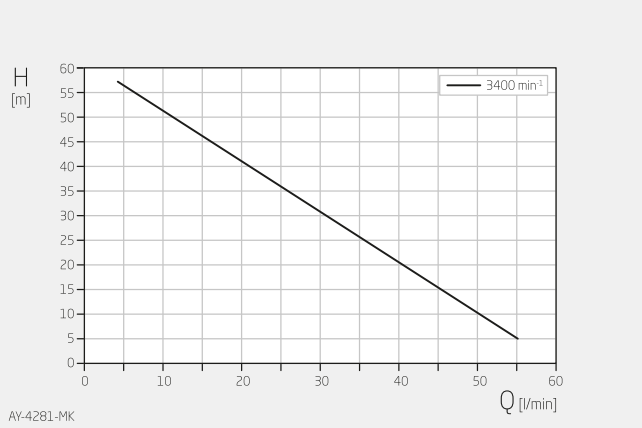
Technical data

International system of units, alternating current 60 Hz



H	148–209 mm
W	139–170 mm
L	334–444 mm

Dimensions may vary depending on the design.

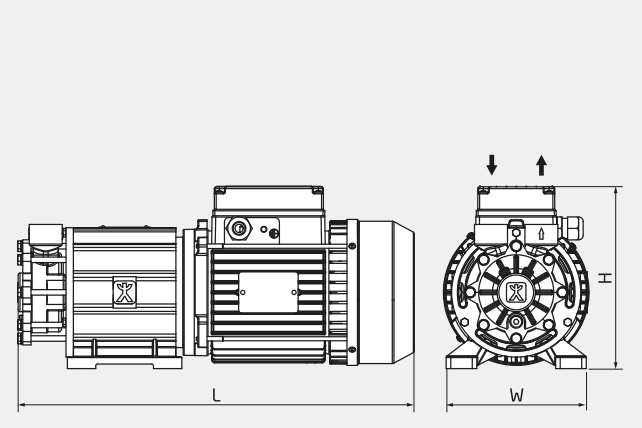


Specifications apply for water at 20°C and nominal speed.

Product type	Regenerative turbine pump
Shaft sealing/coupling	None/magnetic coupling
Pump design	Bracket pump
Typical media	Water max. +230 °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	5–57 m
Flow rate	5–55 l/min
Nominal pressure	PN 16 – PN 100
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	1.0 – 2.8 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
Explosion protection	None II 3G, II 3D II 2G, II 2D

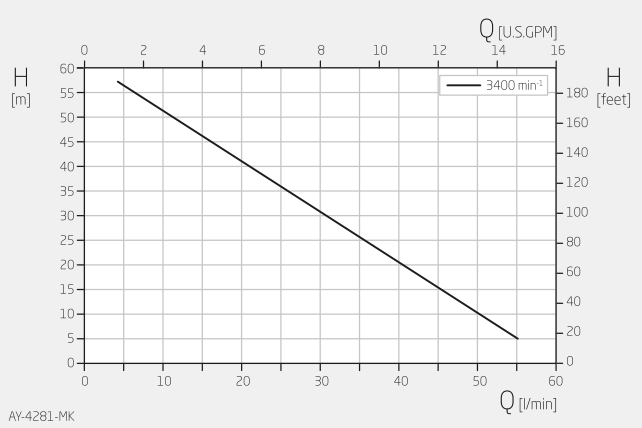
Technical data

Anglo-American system of measurement, alternating current 60 Hz

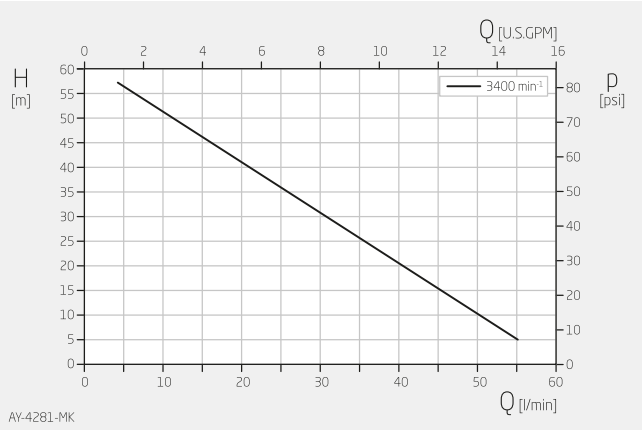


H	5,83–8,23 inch
W	5,47–6,69 inch
L	13,15–17,48 inch

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. +446 °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	16–187 ft
Flow rate	1.3–14.5 USGPM
Nominal pressure	PN 16 – PN 100
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	1.3 – 3.7 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
Explosion protection	None II 3G, II 3D II 2G, II 2D