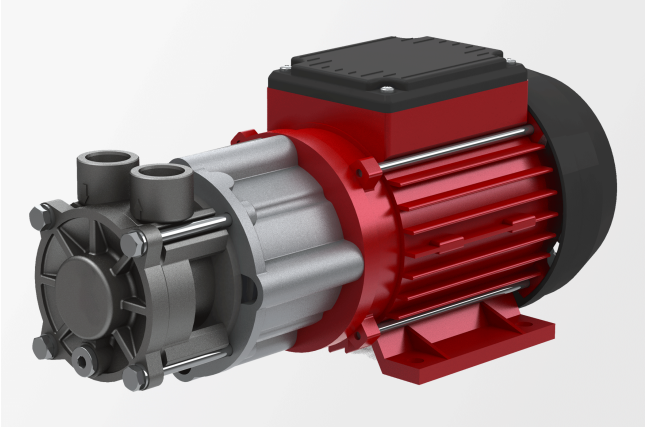
Product data sheet

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

Energy technology

- Delivery and circulation in closed circuits
- Tempering of tankers
- Delivery of demineralised water for electrolysis and fuel cell applications

Renewable energies

- Thermal oil or cooling brine in solar parks

Industrial cooling

- Chillers/cooling machines
- Cooling appliances
- Plasma cutters
- Industrial lasers
- Semiconductor manufacturing

Plastics processing

- Tool tempering for injection moulding

Shipping

- Compressor cooling with water/glycol mixtures

Road and rail

- Delivery of potable and service water in carriages
- Cooling of electrical and mechanical vehicle components, e.g. traction coolers, gearboxes and batteries
- Tempering of tankers

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

Heating and cooling technology

- Thermal oil systems
- Filling and emptying thermal oil systems
- Calenders
- Transportation of cooling brine

Get in touch with us!

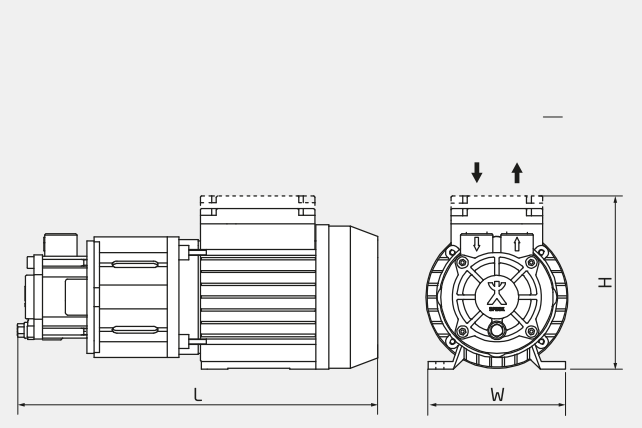
SPECK Australia
Unit 2, 6 Glory Road
Gnangara WA 6077 Australia
Phone NZ: +61 8 6201 1286

Make a non-binding enquiry

sales@speckaustralia.com

Technical data

International system of units, alternating current 50 Hz



H	140–151 mm
W	120 mm
L	308 mm

Dimensions may vary depending on the design.

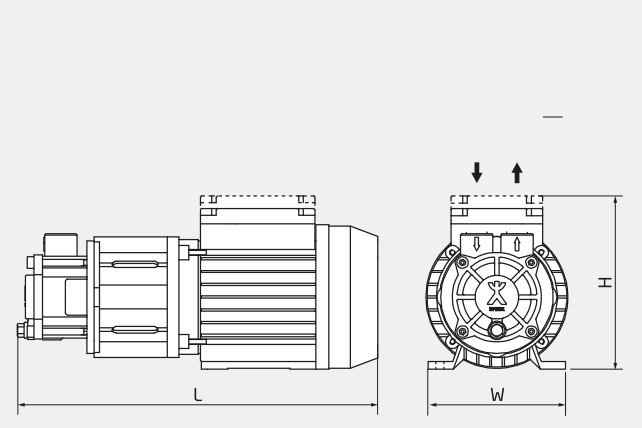


Specifications apply for water at 20°C and nominal speed.

Product type	Regenerative turbine pump
Shaft sealing/coupling	None/magnetic coupling
Pump design	Bracket pump
Typical media	Water max. +160 °C Oil max. +180 °C
Self-priming	No
Variable speed	Frequency-converter-compatible motor on request
Total head	3–48 m
Flow rate	3–27 l/min
Nominal pressure	PN 16 – PN 100
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	0.50/0.55 kW
Nominal motor speed	2800 rpm
Suction-side connection design	Thread: G, NPT, Rc/PT SAE
Suction-side connection size	G ½", SAE ½"
Pressure-side connection design	Thread: G, NPT, Rc/PT SAE
Pressure-side connection size	G ½", SAE ½"
Material designs	Stainless steel
Explosion protection	None II 3G, II 3D II 2G, II 2D

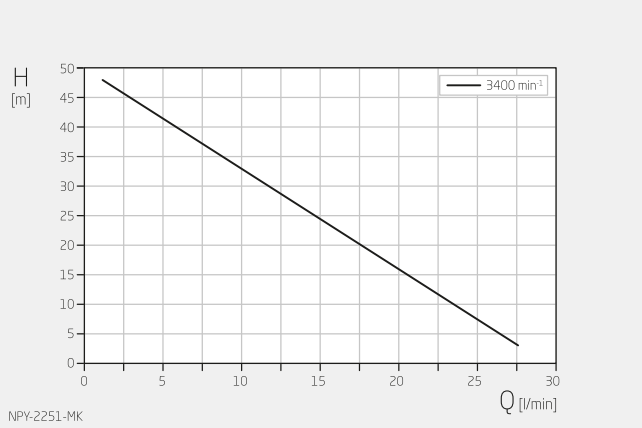
Technical data

International system of units, alternating current 60 Hz



H	140–151 mm
W	120 mm
L	308 mm

Dimensions may vary depending on the design.

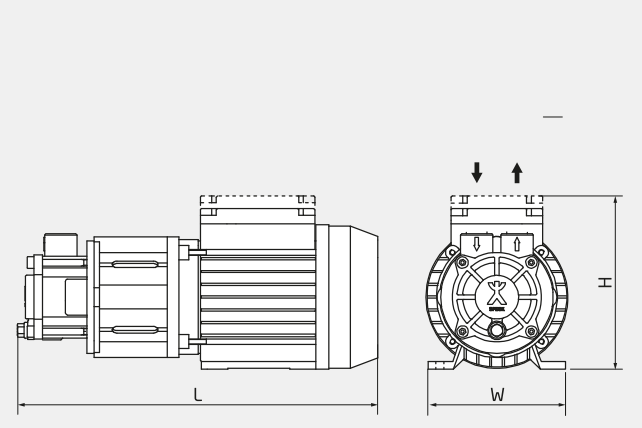


Specifications apply for water at 20°C and nominal speed.

Product type	Regenerative turbine pump
Shaft sealing/coupling	None/magnetic coupling
Pump design	Bracket pump
Typical media	Water max. +160 °C Oil max. +180 °C
Self-priming	No
Variable speed	Frequency-converter-compatible motor on request
Total head	3–48 m
Flow rate	3–27 l/min
Nominal pressure	PN 16 – PN 100
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	0.50/0.55 kW
Nominal motor speed	3400 rpm
Suction-side connection design	Thread: G, NPT, Rc/PT SAE
Suction-side connection size	G ½", SAE ½"
Pressure-side connection design	Thread: G, NPT, Rc/PT SAE
Pressure-side connection size	G ½", SAE ½"
Material designs	Stainless steel
Explosion protection	None II 3G, II 3D II 2G, II 2D

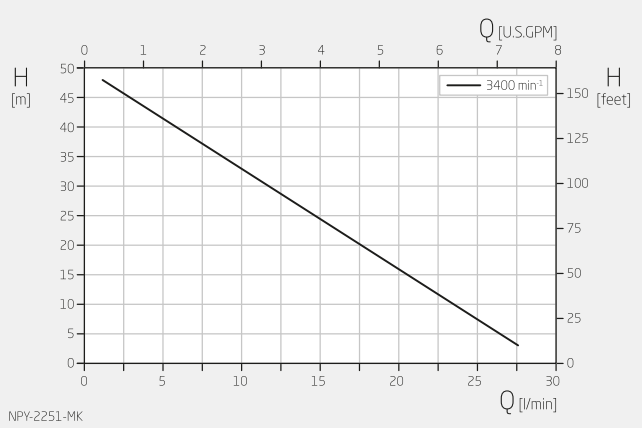
Technical data

Anglo-American system of measurement, alternating current 60 Hz

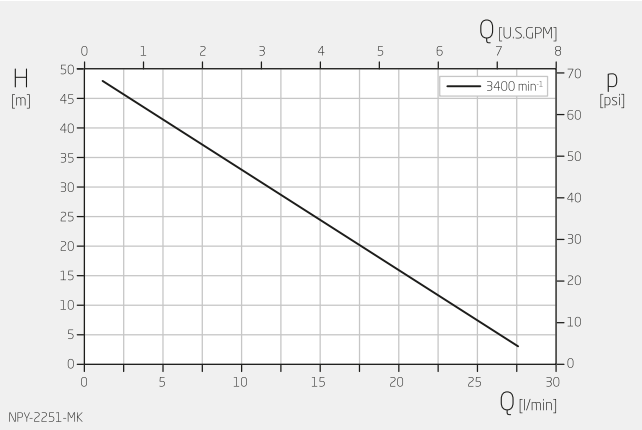


H	5,51–5,94 inch
W	4,72 inch
L	12,13 inch

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. +320 °F Oil max. +356 °F
Self-priming	No
Variable speed	Frequency-converter-compatible motor on request
Total head	10–157 ft
Flow rate	0.8–7.1 USGPM
Nominal pressure	PN 16 – PN 100
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	0.67/0.74 HP
Nominal motor speed	3400 rpm
Suction-side connection design	Thread: G, NPT, Rc/PT SAE
Suction-side connection size	G ½", SAE ½"
Pressure-side connection design	Thread: G, NPT, Rc/PT SAE
Pressure-side connection size	G ½", SAE ½"
Material designs	Stainless steel
Explosion protection	None II 3G, II 3D II 2G, II 2D