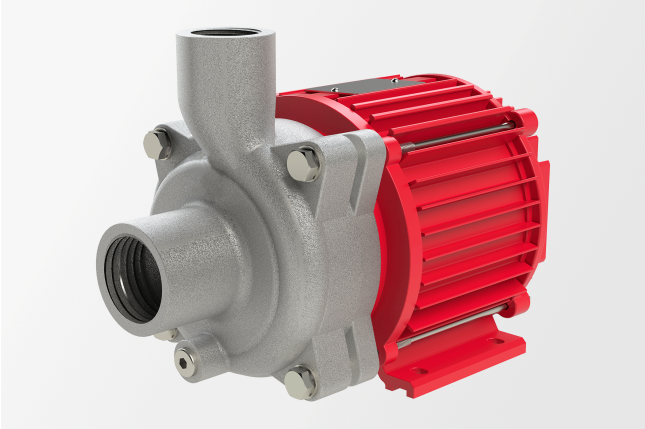
Product data sheet

Centrifugal pump

Speed-controlled, hermetically sealed, compact and fanless pump



Description

- Centrifugal pump
- Canned motor
- Operation with a frequency converter
- Motor efficiency level better than IE4
- Fanless
- Long-lasting

Markets and applications

Industrial cooling

- Chillers/cooling machines
- Cooling appliances
- Semiconductor manufacturing
- Direct chip cooling in data centres

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

- Semiconductor manufacturing
- Tool tempering for plastic injection moulding

Get in touch with us!

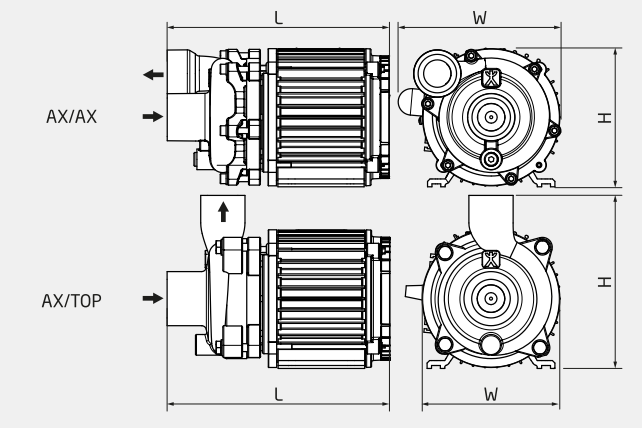
SPECK Australia
Unit 2, 6 Glory Road
Gnangara WA 6077 Australia
Phone NZ: +61 8 6201 1286

Make a non-binding enquiry

sales@speckaustralia.com

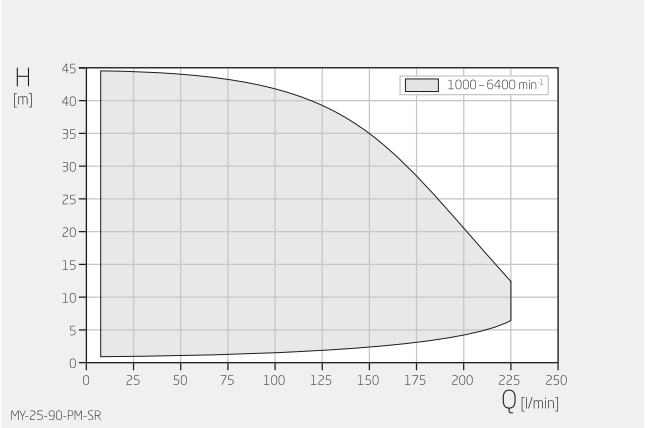
Technical data

International system of units, alternating current



H	141–176 mm
W	140–166 mm
L	227 mm

Dimensions may vary depending on the design.

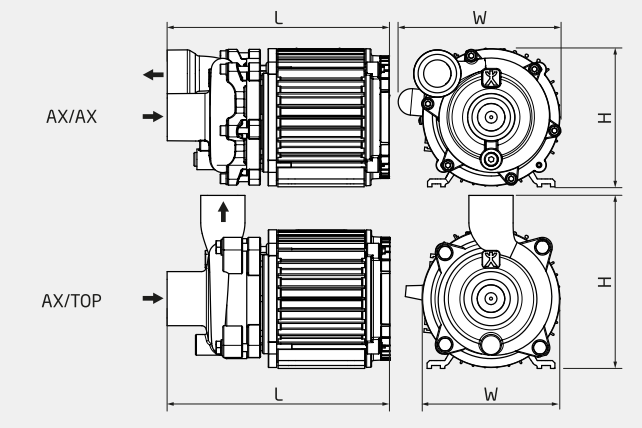


Specifications apply for water at 20°C
Within the characteristic diagrams, each operating point is possible through parametrisation of the drive.

Product type	Centrifugal pump
Shaft sealing	None
Pump design	Canned motor pump
Typical media	Water max. +100 °C Water/glycol mixture min. -20 °C, lower temperatures on request, max. +100 °C Oil max. +100 °C
Self-priming	No
Variable speed	Yes
Total head	1–45 m
Flow rate	10.0–225.0 m³/h
Nominal pressure	PN 16
Motor current type	3~, DC on request
Type of motor	Synchronous motor
Nominal motor power	1.5 kW 1.1 kW, 48 VDC
Nominal motor speed	1000 – 6400 rpm
Suction-side connection design	Thread: G, NPT, Rc/PT
Suction-side connection size	G 1 ¼"
Pressure-side connection design	Thread: G, NPT, Rc/PT
Pressure-side connection size	ax/top: G 1" ax/ax: G 1 ¼"
Material designs	Stainless steel
Explosion protection	None

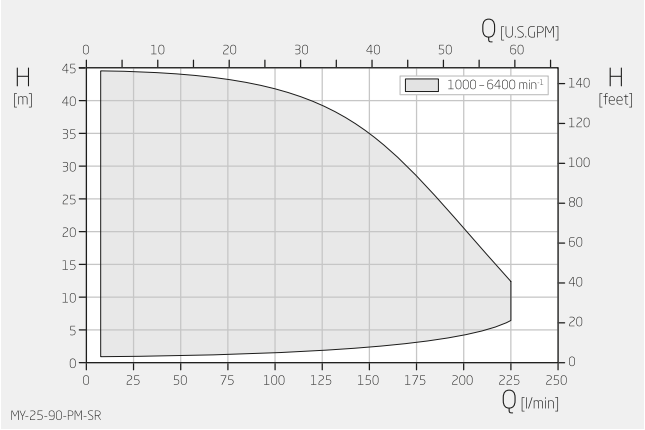
Technical data

Anglo-American system of measurement, alternating current

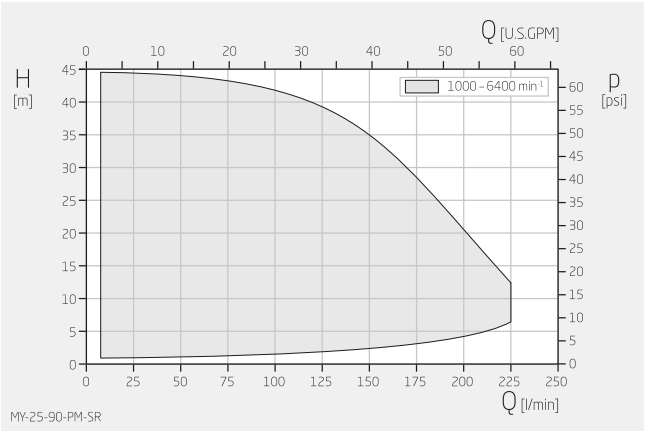


H	5,55–6,93 inch
W	5,51–6,54 inch
L	8,94 inch

Dimensions may vary depending on the design.



Specifications apply for water at 68°F
Within the characteristic diagrams, each operating point is possible through corresponding parametrisation of the drive.



Specifications apply for water at 68°F
Within the characteristic diagrams, each operating point is possible through corresponding parametrisation of the drive.

Product type	Centrifugal pump
Shaft sealing	None
Pump design	Canned motor pump
Typical media	Water max. +212 °F Water/glycol mixture min. -4 °F, lower temperatures on request, max. +212 °F Oil max. +212 °F
Self-priming	No
Variable speed	Yes
Total head	3–148 ft
Flow rate	44.0–990.6 USGPM
Nominal pressure	PN 16
Motor current type	3~, DC on request
Type of motor	Synchronous motor
Nominal motor power	2.0 HP 1.5 HP, 48 VDC
Nominal motor speed	1000 – 6400 rpm
Suction-side connection design	Thread: G, NPT, Rc/PT
Suction-side connection size	G 1 ¼"
Pressure-side connection design	Thread: G, NPT, Rc/PT
Pressure-side connection size	ax/top: G 1" ax/ax: G 1 ¼"
Material designs	Stainless steel

Explosion protection	None