

Product data sheet

Centrifugal pump

Canned motor pump with speed control



Description

- » Centrifugal pump
- » Canned motor pump
- » Adjustable speed
- » Compact

Markets and applications

E-mobility

- » Stack primary cooling circuits for fuel cells

Renewable energies

- » Solid fluid batteries

Industrial cooling

- » Cooling appliances

Road and rail

- » Air conditioning systems and auxiliary heaters
- » Engine pre-heating
- » Delivery of potable and service water in carriages
- » Cooling of electrical and mechanical vehicle components, e.g. traction coolers, gearboxes and batteries

Get in touch with us!

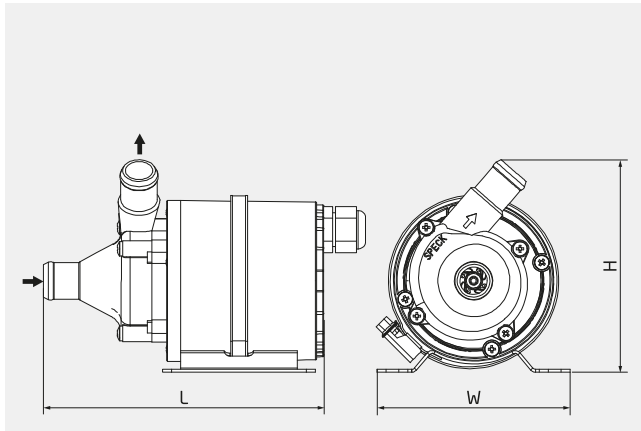
SPECK Australia
Unit 2, 6 Glory Road
Gnangara WA 6077 Australia
Phone NZ: +61 8 6201 1286

Make a non-binding enquiry

sales@speckaustralia.com

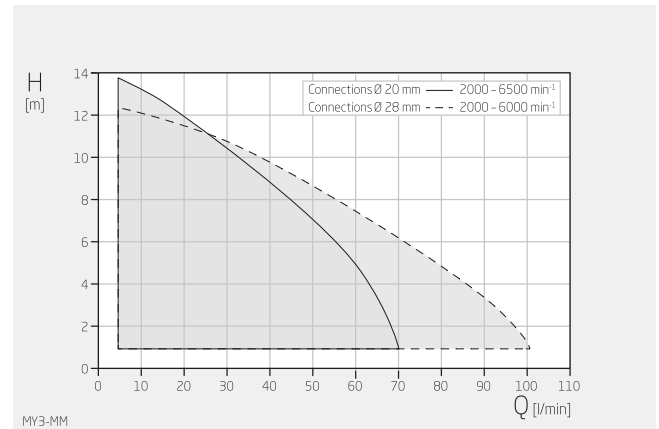
Technical data

International system of units, direct current



H	116 mm
W	106 mm
L	154-159 mm

Dimensions may vary depending on the design.

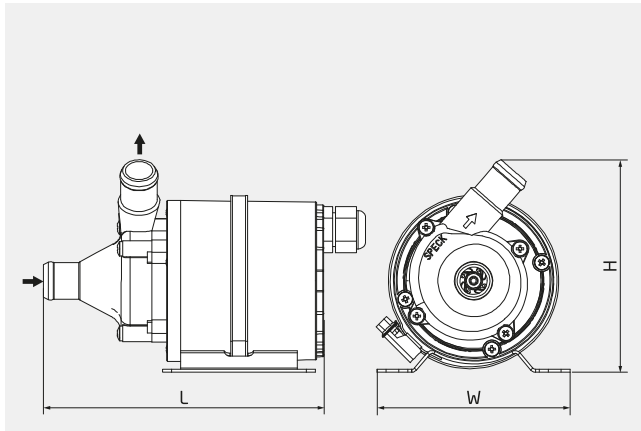


Specifications apply for water at 20°C
Within the characteristic diagrams, each operating point is possible through parametrisation of the drive.

Product type	Centrifugal pump
Shaft sealing	None
Pump design	Canned motor pump
Typical media	Water max. +80 °C Water/glycol mixture max. +80 °C Oil max. +80 °C
Self-priming	No
Variable speed	Yes
Total head	1-14 m
Flow rate	5-100 l/min
Nominal pressure	PN 6
Motor current type	Direct current
Type of motor	DC motor BLDC
Nominal motor voltage	24 V, 48 V on request
Nominal motor power	150 W
Nominal motor speed	2000 - 4000 rpm
Suction-side connection design	Hose nozzle
Suction-side connection size	Diameter: 20 or 28 mm
Pressure-side connection design	Hose nozzle
Pressure-side connection size	Diameter: 20 or 28 mm
Material designs	PA66/PPS
Explosion protection	None

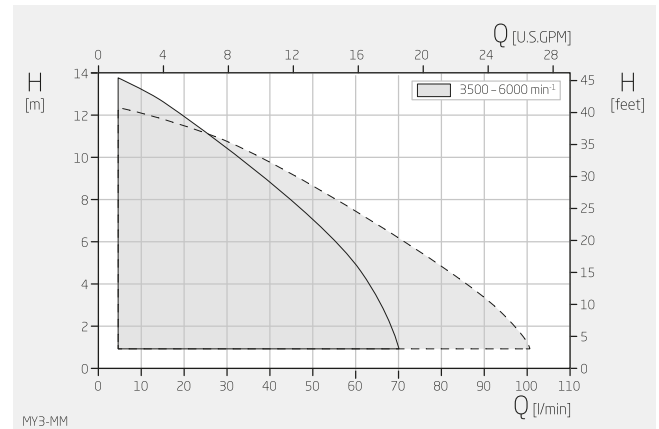
Technical data

Anglo-American system of measurement, direct current

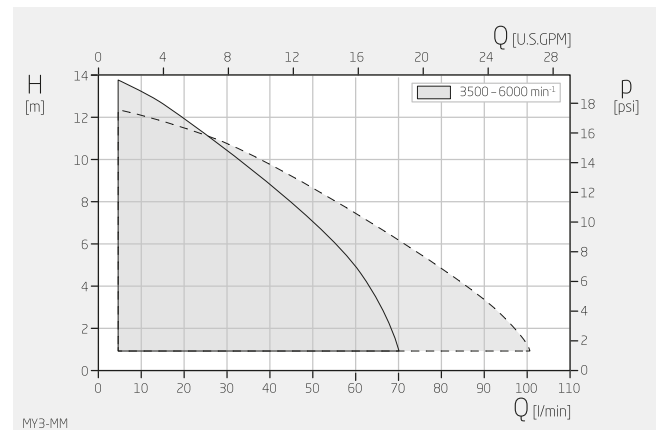


H	4,57 inch
W	4,17 inch
L	6,06-6,26 inch

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. +176 °F Water/glycol mixture max. +176 °F Oil max. +176 °F
Self-priming	No
Variable speed	Yes
Total head	3-46 ft
Flow rate	1.3-26.4 USGPM
Nominal pressure	PN 6
Motor current type	Direct current
Type of motor	DC motor BLDC
Nominal motor voltage	24 V, 48 V on request
Nominal motor power	0.20 HP
Nominal motor speed	2000 - 4000 rpm
Suction-side connection design	Hose nozzle
Suction-side connection size	Diameter: 20 or 28 mm (diam. 0.78 or 1.1 inches)
Pressure-side connection design	Hose nozzle
Pressure-side connection size	Diameter: 20 or 28 mm (diam. 0.78 or 1.1 inches)
Material designs	PA66/PPS

Explosion protection

None