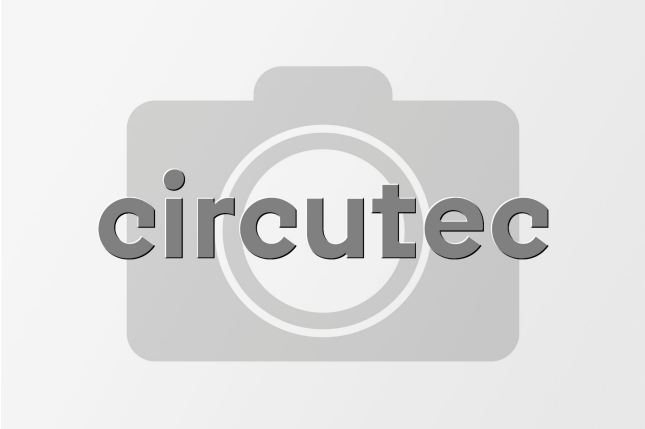
Product data sheet

Centrifugal pump

Bracket pump with magnetic coupling and speed-controlled synchronous motor



Description

- Centrifugal pump
- Bracket pump
- Magnetic coupling
- Hermetically sealed
- Operation with a frequency converter
- Motor efficiency level better than IE4

Markets and applications

Plastics processing

- Tool tempering for injection moulding

Temperature control

- Hot-water tempering devices
- Oil tempering devices
- Tool tempering for plastic injection moulding

Get in touch with us!

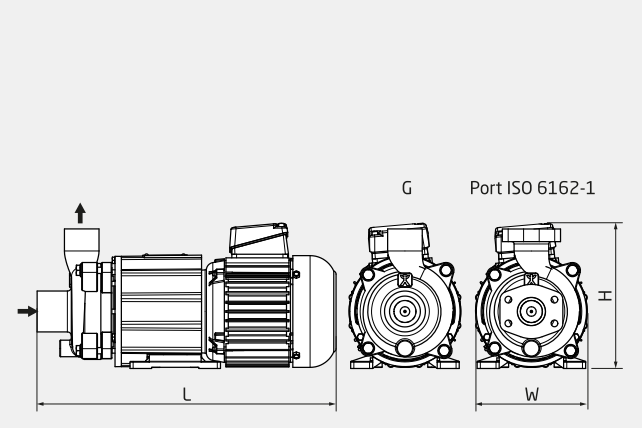
SPECK Australia
Unit 2, 6 Glory Road
Gnangara WA 6077 Australia
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Make a non-binding enquiry

sales@speckaustralia.com

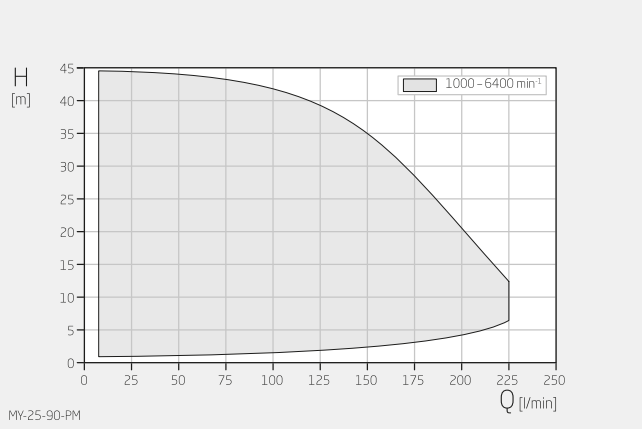
Technical data

International system of units, alternating current



H	185 mm
W	142 mm
L	380 mm

Dimensions may vary depending on the design.

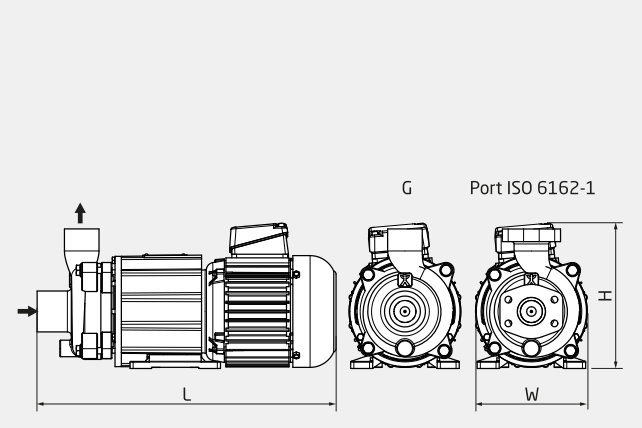


Specifications apply for water at 20°C
Within the displayed characteristic diagrams, each operating point is possible through corresponding parametrisation of the drive.

Product type	Centrifugal pump
Shaft sealing/coupling	None/magnetic coupling
Pump design	Bracket pump
Typical media	Water max. +180 °C Water/glycol mixture min. -90 °C, max. +180 °C Oil max. +350 °C
Self-priming	No
Variable speed	Yes
Total head	1–45 m
Flow rate	10–225 l/min
Nominal pressure	PN 16
Motor current type	3~
Type of motor	Synchronous motor
Nominal motor power	1.1 kW/1.5 kW
Nominal motor speed	1000–6400 rpm
Suction-side connection design	Thread: G, NPT, Rc/PT, Flange: ISO 6162-1
Suction-side connection size	G 1¼", Port ISO 6162-1 P32M
Pressure-side connection design	Thread: G, NPT, Rc/PT, Flange: ISO 6162-1
Pressure-side connection size	G 1", Port ISO 6162-1 P25M
Material designs	Stainless steel
Explosion protection	None

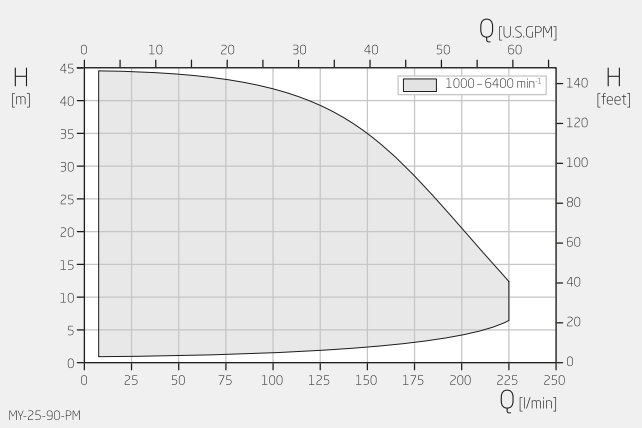
Technical data

Anglo-American system of measurement, alternating current

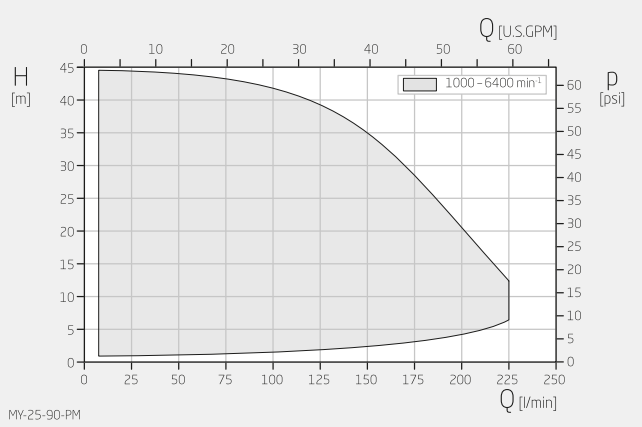


H	7.28 inch
W	5.59 inch
L	14.96 inch

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/coupling	None/magnetic coupling
Pump design	Bracket pump
Typical media	Water max. +356 °F Water/glycol mixture min.-130 °F, max. +356 °F Oil max. +662 °F
Self-priming	No
Variable speed	Yes
Total head	3–148 ft
Flow rate	2.6–59.4 USGPM
Nominal pressure	PN 16
Motor current type	3~
Type of motor	Synchronous motor
Nominal motor power	1.5 HP–2.0 HP
Nominal motor speed	1000–6400 rpm
Suction-side connection design	Thread: G, NPT, Rc/PT, Flange: ISO 6162-1
Suction-side connection size	G 1¼", Port ISO 6162-1 P32M
Pressure-side connection design	Thread: G, NPT, Rc/PT, Flange: ISO 6162-1
Pressure-side connection size	G 1", Port ISO 6162-1 P25M
Material designs	Stainless steel
Explosion protection	None