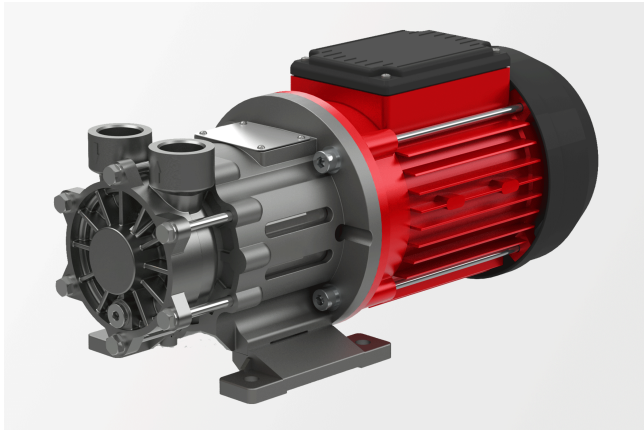


## Product data sheet

### 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!

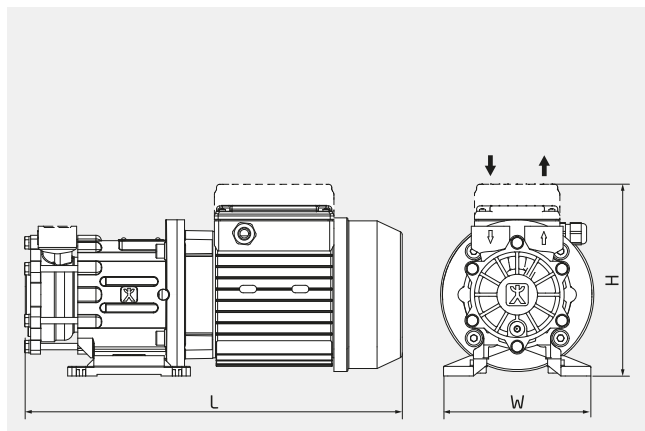
SPECK Australia  
Unit 2, 6 Glory Road  
Gnangara WA 6077 Australia  
Phone NZ: +61 8 6201 1286

### Make a non-binding enquiry

[sales@speckaustralia.com](mailto:sales@speckaustralia.com)

## Technical data

International system of units, alternating current 50 Hz

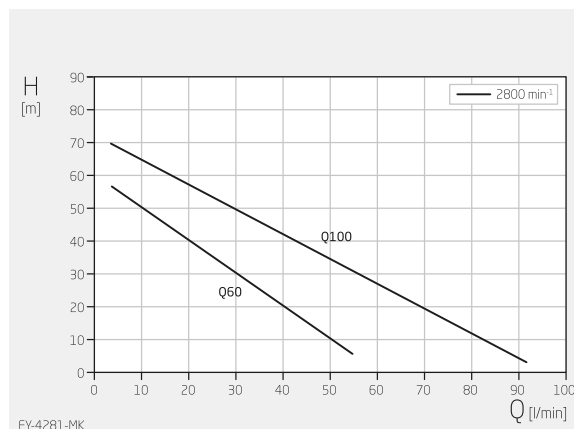


H 160-177 mm

W 138 mm

L 354 mm

Dimensions may vary depending on the design.

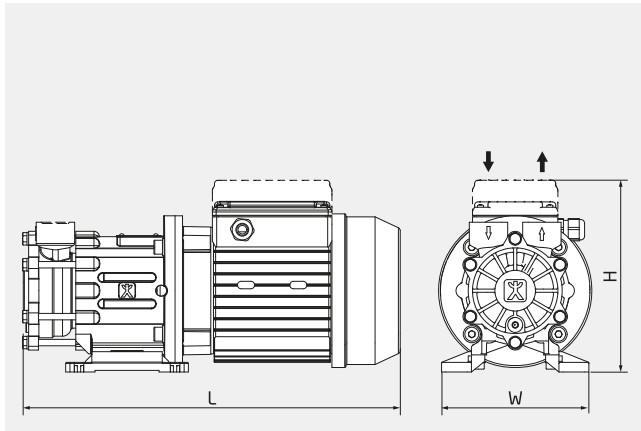


Specifications apply for water at 20°C and nominal speed.

|                                 |                                                 |
|---------------------------------|-------------------------------------------------|
| Product type                    | Regenerative turbine pump                       |
| Shaft sealing/coupling          | None/magnetic coupling                          |
| Pump design                     | Bracket pump                                    |
| Typical media                   | Water max. +140 °C<br>Oil max. +140 °C          |
| Self-priming                    | No                                              |
| Variable speed                  | Frequency-converter-compatible motor on request |
| Total head                      | 5-70 m                                          |
| Flow rate                       | 5-92 l/min                                      |
| Nominal pressure                | PN 10 – PN16                                    |
| Motor current type              | 3~                                              |
| Type of motor                   | Asynchronous motor                              |
| Nominal motor power             | 1.0 – 1.1 kW                                    |
| Nominal motor speed             | 2800 rpm                                        |
| Suction-side connection design  | Thread: G, NPT, Rc/PT                           |
| Suction-side connection size    | G ¾"                                            |
| Pressure-side connection design | Thread: G, NPT, Rc/PT                           |
| Pressure-side connection size   | G ¾"                                            |
| Material designs                | Stainless steel                                 |
| Explosion protection            | None                                            |

## Technical data

International system of units, alternating current 60 Hz

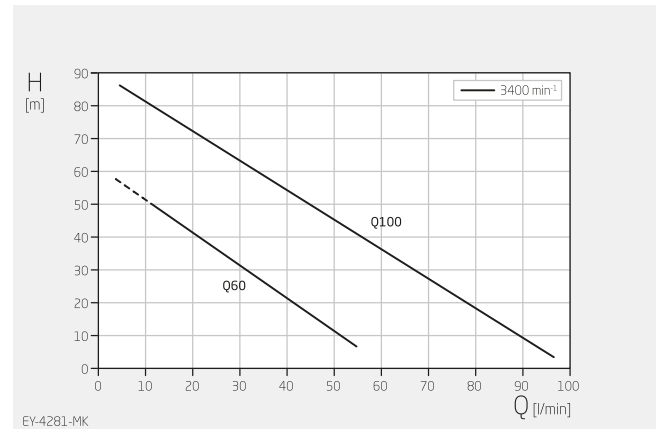


H 160-177 mm

W 138 mm

L 354 mm

Dimensions may vary depending on the design.

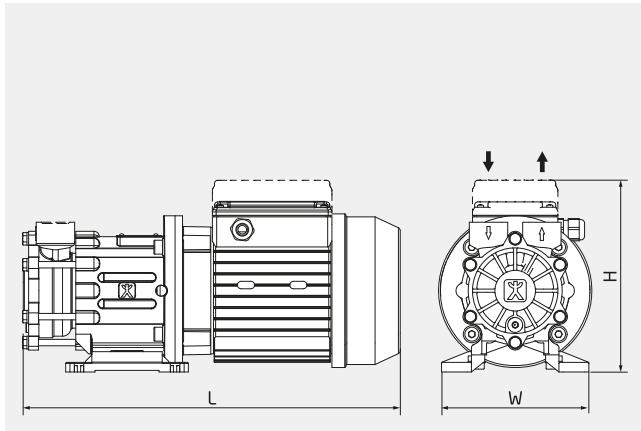


Specifications apply for water at 20°C and nominal speed.

|                                 |                                                 |
|---------------------------------|-------------------------------------------------|
| Product type                    | Regenerative turbine pump                       |
| Shaft sealing/coupling          | None/magnetic coupling                          |
| Pump design                     | Bracket pump                                    |
| Typical media                   | Water max. +140 °C<br>Oil max. +140 °C          |
| Self-priming                    | No                                              |
| Variable speed                  | Frequency-converter-compatible motor on request |
| Total head                      | 5-87 m                                          |
| Flow rate                       | 5-97 l/min                                      |
| Nominal pressure                | PN 10 – PN16                                    |
| Motor current type              | 3~                                              |
| Type of motor                   | Asynchronous motor                              |
| Nominal motor power             | 1.0 – 1.1 kW                                    |
| Nominal motor speed             | 3400 rpm                                        |
| Suction-side connection design  | Thread: G, NPT, Rc/PT                           |
| Suction-side connection size    | G ¾"                                            |
| Pressure-side connection design | Thread: G, NPT, Rc/PT                           |
| Pressure-side connection size   | G ¾"                                            |
| Material designs                | Stainless steel                                 |
| Explosion protection            | None                                            |

## Technical data

Anglo-American system of measurement, alternating current 60 Hz

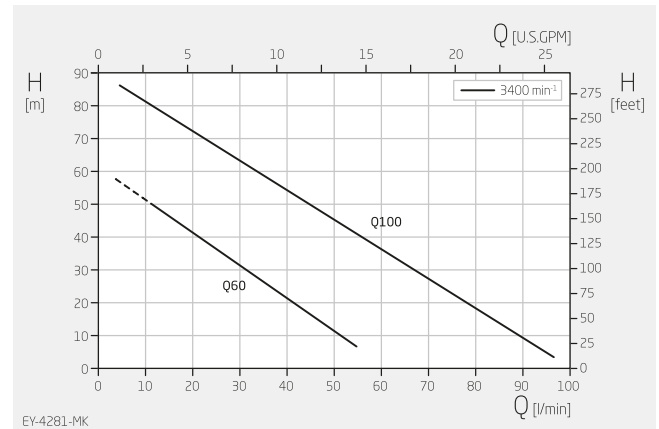


H 6,30-6,97 inch

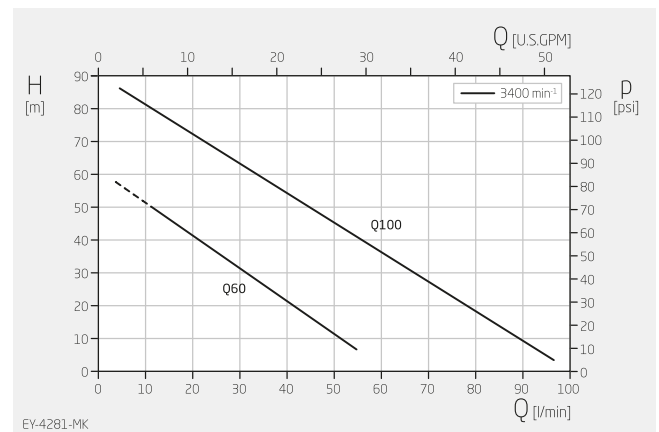
W 5,43 inch

L 13,94 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. +284 °F<br>Oil max. +284 °F          |
| Self-priming                    | No                                              |
| Variable speed                  | Frequency-converter-compatible motor on request |
| Total head                      | 16-285 ft                                       |
| Flow rate                       | 1.3-25.6 USGPM                                  |
| Nominal pressure                | PN 10 - PN16                                    |
| Motor current type              | 3~                                              |
| Type of motor                   | Asynchronous motor                              |
| Nominal motor power             | 1.34 - 1.47 HP                                  |
| Nominal motor speed             | 3400 rpm                                        |
| Suction-side connection design  | Thread: G, NPT, Rc/PT                           |
| Suction-side connection size    | G ¾"                                            |
| Pressure-side connection design | Thread: G, NPT, Rc/PT                           |
| Pressure-side connection size   | G ¾"                                            |
| Material designs                | Stainless steel                                 |
| Explosion protection            | None                                            |