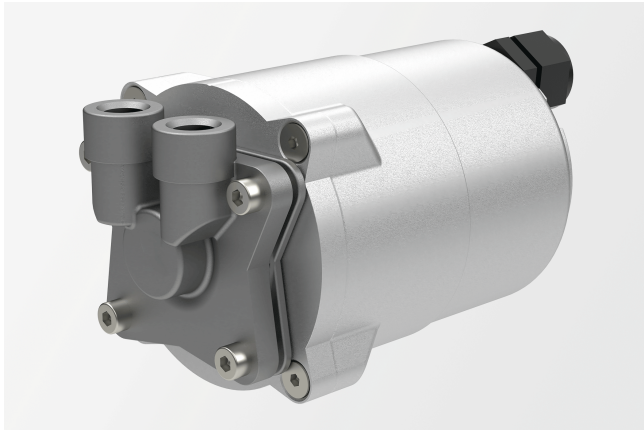


## Product data sheet

### **Regenerative turbine pump**

Canned motor pump with speed control



## Description

- » Regenerative turbine pump
- » Canned motor pump
- » Adjustable speed
- » Compact
- » Suitable for the delivery of gas shares
- » Steep characteristic curve
- » Long-lasting

## Markets and applications

### **Medical technology**

- » Dialysis

### **Road and rail**

- » Air conditioning systems and auxiliary heaters
- » Cooling of electrical and mechanical vehicle components, e.g. traction coolers, gearboxes and batteries

## Get in touch with us!

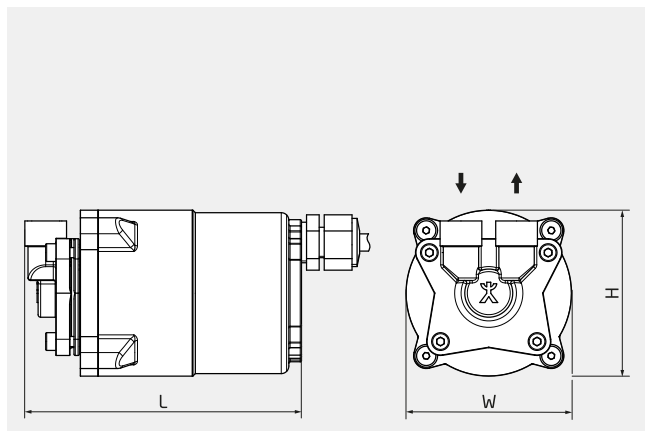
SPECK Australia  
Unit 2, 6 Glory Road  
Gnangara WA 6077 Australia  
Phone NZ: +61 8 6201 1286

### **Make a non-binding enquiry**

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

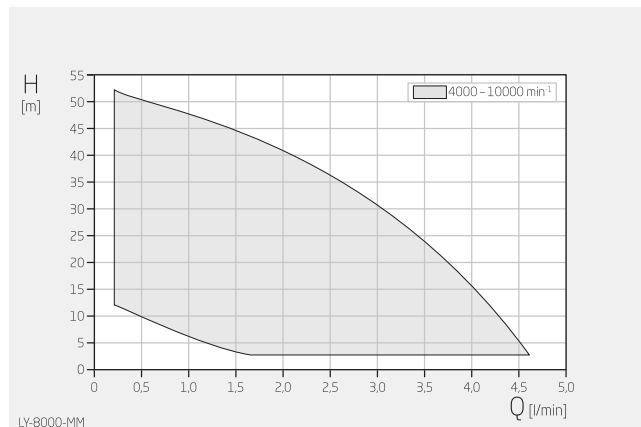
## Technical data

International system of units, direct current



|   |        |
|---|--------|
| H | 66 mm  |
| W | 66 mm  |
| L | 109 mm |

Dimensions may vary depending on the design.

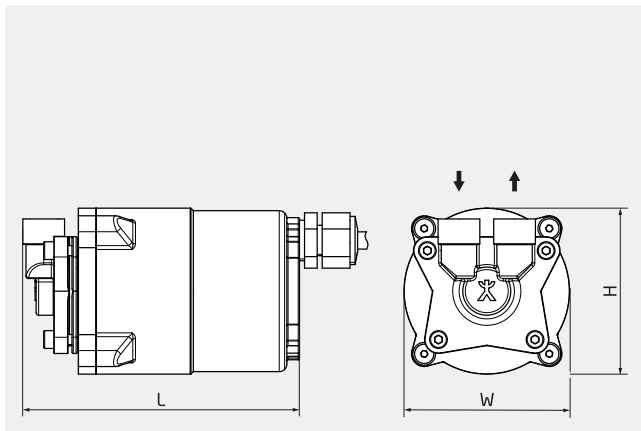


Specifications apply for water at 20°C  
Within the characteristic diagrams, each operating point is possible through parametrisation of the drive.

|                                 |                                                                          |
|---------------------------------|--------------------------------------------------------------------------|
| Product type                    | Regenerative turbine pump                                                |
| Shaft sealing                   | None/canned motor                                                        |
| Pump design                     | Canned motor pump                                                        |
| Typical media                   | Water max. +80 °C<br>Oil max. +80 °C<br>Water/glycol mixture max. +80 °C |
| Self-priming                    | No                                                                       |
| Variable speed                  | Yes                                                                      |
| Total head                      | 3-52 m                                                                   |
| Flow rate                       | 0.2-4.6 l/min                                                            |
| Nominal pressure                | PN 20                                                                    |
| Motor current type              | Direct current                                                           |
| Type of motor                   | DC motor BLDC                                                            |
| Nominal motor voltage           | 24 V                                                                     |
| Nominal motor power             | 80 W                                                                     |
| Nominal motor speed             | 1000 - 10.000 rpm                                                        |
| Suction-side connection design  | Thread: G, NPT, Rc/PT                                                    |
| Suction-side connection size    | G 1/8"                                                                   |
| Pressure-side connection design | Thread: G, NPT, Rc/PT                                                    |
| Pressure-side connection size   | G 1/8"                                                                   |
| Material designs                | Stainless steel<br>Brass                                                 |
| Explosion protection            | None                                                                     |

## Technical data

Anglo-American system of measurement, direct current

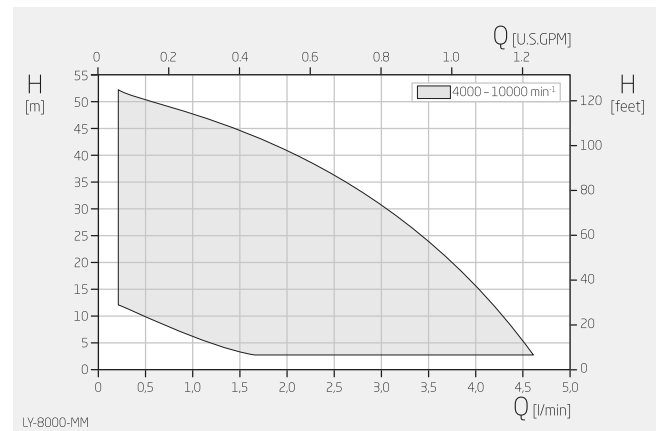


H 2,60 inch

W 2,60 inch

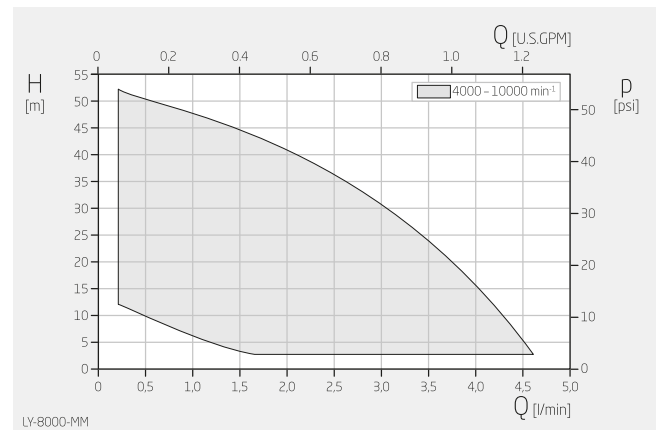
L 4,29 inch

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                    | Regenerative turbine pump                                                   |
| Shaft sealing                   | None/canned motor                                                           |
| Pump design                     | Canned motor pump                                                           |
| Typical media                   | Water max. +176 °F<br>Oil max. +176 °F<br>Water/glycol mixture max. +176 °F |
| Self-priming                    | No                                                                          |
| Variable speed                  | Yes                                                                         |
| Total head                      | 10-171 ft                                                                   |
| Flow rate                       | 0.1-1.2 USGPM                                                               |
| Nominal pressure                | PN 20                                                                       |
| Motor current type              | Direct current                                                              |
| Type of motor                   | DC motor BLDC                                                               |
| Nominal motor voltage           | 24 V                                                                        |
| Nominal motor power             | 0.11 HP                                                                     |
| Nominal motor speed             | 1000 - 10.000 rpm                                                           |
| Suction-side connection design  | Thread: G, NPT, Rc/PT                                                       |
| Suction-side connection size    | G 1/8"                                                                      |
| Pressure-side connection design | Thread: G, NPT, Rc/PT                                                       |
| Pressure-side connection size   | G 1/8"                                                                      |

|                      |                          |
|----------------------|--------------------------|
| Material designs     | Stainless steel<br>Brass |
| Explosion protection | None                     |