

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

Get in touch with us!

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Make a non-binding enquiry

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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

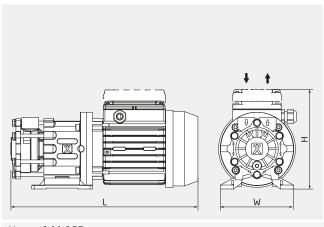
- » Laboratory tempering devices
- » Hot-water tempering devices
- » Oil tempering devices
- » Roller tempering
- » Tool tempering for aluminium injection moulding
- » Tool tempering for plastic injection moulding
- » Semiconductor manufacturing



—— 2800 min⁻¹

Technical data

International system of units, alternating current 50 Hz





Dimensions may vary depending on the design.

L 341 mm



H [m]

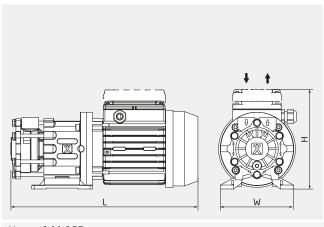
45-40-35 -30-25-20-15-10-

Product type Regenerative turbine pump Shaft sealing/coupling None/magnetic coupling Pump design Bracket pump Water max. +140 °C Typical media Oil max. +140 ℃ Self-priming No Variable speed Frequency-converter-compatible motor on request 5-46 m Total head 4-38 I/min Flow rate Nominal pressure PN 16 Motor current type Type of motor Asynchronous motor Nominal motor power 0.50 - 0.55 kW Nominal motor speed 2800 rpm Suction-side connection design Thread: G, NPT, Rc/PT Suction-side connection size Thread: G, NPT, Rc/PT Pressure-side connection design Pressure-side connection size Material designs Stainless steel Explosion protection None



Technical data

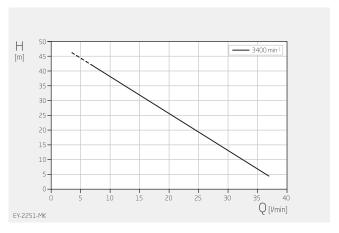
International system of units, alternating current 60 Hz





L 341 mm

Dimensions may vary depending on the design.



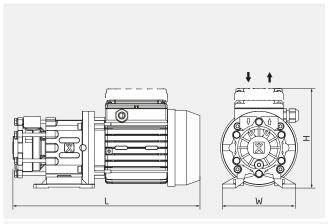
Specifications apply for water at 20°C and nominal speed.

Shaft sealing/coupling None/magnetic coupling Pump design Bracket pump Typical media Water max. +140 °C Self-priming No Variable speed Frequency-converter-compatible motor on request Total head 5-42 m Flow rate 4-38 l/min Nominal pressure PN 16 Motor current type 3~ Type of motor Asynchronous motor Nominal motor power 0.50 - 0.55 kW Nominal motor speed 3400 rpm Suction-side connection design Thread: G, NPT, Rc/PT Suction-side connection design Thread: G, NPT, Rc/PT Pressure-side connection design Thread: G, NPT, Rc/PT Pressure-side connection size G ½° Material designs Stainless steel Explosion protection None	Product type	Regenerative turbine pump
Typical media Water max. +140 °C Oil max. +140 °C Self-priming No Variable speed Frequency-converter-compatible motor on request Total head 5-42 m Flow rate 4-38 l/min Nominal pressure PN 16 Motor current type 3~ Type of motor Asynchronous motor Nominal motor power 0.50 − 0.55 kW Nominal motor speed 3400 rpm Suction-side connection design Thread: G, NPT, Rc/PT Suction-side connection design Thread: G, NPT, Rc/PT Pressure-side connection design Thread: G, NPT, Rc/PT Pressure-side connection size G ½″ Material designs Stainless steel	Shaft sealing/coupling	None/magnetic coupling
Oil max. +140 °C Self-priming No Variable speed Frequency-converter-compatible motor on request Total head 5-42 m Flow rate A-38 I/min Nominal pressure PN 16 Motor current type 3~ Type of motor Asynchronous motor Nominal motor power 0.50 - 0.55 kW Nominal motor speed 3400 rpm Suction-side connection design Thread: G, NPT, Rc/PT Suction-side connection design Thread: G, NPT, Rc/PT Pressure-side connection size G ½" Material designs Stainless steel	Pump design	Bracket pump
Variable speed Frequency-converter-compatible motor on request Total head 5–42 m Flow rate 4–38 l/min Nominal pressure PN 16 Motor current type 3~ Type of motor Asynchronous motor Nominal motor power 0.50 − 0.55 kW Nominal motor speed 3400 rpm Suction-side connection design Thread: G, NPT, Rc/PT Suction-side connection size G½" Pressure-side connection design Thread: G, NPT, Rc/PT Pressure-side connection size G½" Material designs Stainless steel	Typical media	
Total head 5-42 m Flow rate 4-38 l/min Nominal pressure PN 16 Motor current type 3~ Type of motor Asynchronous motor Nominal motor power 0.50 - 0.55 kW Nominal motor speed 3400 rpm Suction-side connection design Thread: G, NPT, Rc/PT Suction-side connection design Thread: G, NPT, Rc/PT Pressure-side connection design Thread: G, NPT, Rc/PT Pressure-side connection size G½" Material designs Stainless steel	Self-priming	No
Flow rate 4-38 l/min Nominal pressure PN 16 Motor current type 3~ Type of motor Asynchronous motor Nominal motor power 0.50 - 0.55 kW Nominal motor speed 3400 rpm Suction-side connection design Thread: G, NPT, Rc/PT Suction-side connection design Thread: G, NPT, Rc/PT Pressure-side connection design Thread: G, NPT, Rc/PT Pressure-side connection size G½" Material designs Stainless steel	Variable speed	Frequency-converter-compatible motor on request
Nominal pressure PN 16 Motor current type 3~ Type of motor Asynchronous motor Nominal motor power 0.50 – 0.55 kW Nominal motor speed 3400 rpm Suction-side connection design Thread: G, NPT, Rc/PT Suction-side connection size G½" Pressure-side connection design Thread: G, NPT, Rc/PT Pressure-side connection size G½" Material designs Stainless steel	Total head	5-42 m
Motor current type 3~ Type of motor Asynchronous motor Nominal motor power 0.50 − 0.55 kW Nominal motor speed 3400 rpm Suction-side connection design Thread: G, NPT, Rc/PT Suction-side connection size G ½" Pressure-side connection design Thread: G, NPT, Rc/PT Pressure-side connection size G ½" Material designs Stainless steel	Flow rate	4–38 l/min
Type of motor Nominal motor power 0.50 – 0.55 kW Nominal motor speed 3400 rpm Suction-side connection design Thread: G, NPT, Rc/PT Suction-side connection size G ½" Pressure-side connection size G ½" Material designs Asynchronous motor Asynchronous motor 0.50 – 0.55 kW Advised to the side of the side o	Nominal pressure	PN 16
Nominal motor power 0.50 – 0.55 kW Nominal motor speed 3400 rpm Suction-side connection design Thread: G, NPT, Rc/PT Suction-side connection size G½" Pressure-side connection design Thread: G, NPT, Rc/PT Pressure-side connection size G½" Material designs Stainless steel	Motor current type	3~
Nominal motor speed 3400 rpm Suction-side connection design Thread: G, NPT, Rc/PT Suction-side connection size G½" Pressure-side connection design Thread: G, NPT, Rc/PT Pressure-side connection size G½" Material designs Stainless steel	Type of motor	Asynchronous motor
Suction-side connection design Thread: G, NPT, Rc/PT Suction-side connection size G½" Pressure-side connection design Thread: G, NPT, Rc/PT Pressure-side connection size G½" Material designs Stainless steel	Nominal motor power	0.50 – 0.55 kW
Suction-side connection size G½" Pressure-side connection design Thread: G, NPT, Rc/PT Pressure-side connection size G½" Material designs Stainless steel	Nominal motor speed	3400 rpm
Pressure-side connection design Thread: G, NPT, Rc/PT Pressure-side connection size G½" Material designs Stainless steel	Suction-side connection design	Thread: G, NPT, Rc/PT
Pressure-side connection size G½" Material designs Stainless steel	Suction-side connection size	G½"
Material designs Stainless steel	Pressure-side connection design	Thread: G, NPT, Rc/PT
	Pressure-side connection size	G½"
Explosion protection None	Material designs	Stainless steel
	Explosion protection	None



Technical data

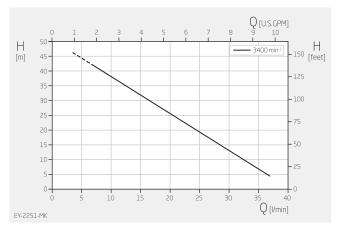
Anglo-American system of measurement, alternating current 60 Hz



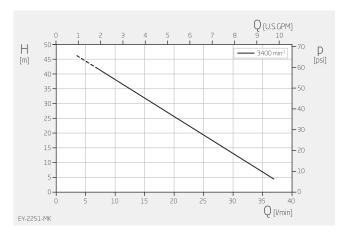
H 5,67-6,42 inch

W 5,12 inchL 13,43 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 Oil max. +284 °F
Self-priming	No
Variable speed	Frequency-converter-compatible motor on request
Total head	16-138 ft
Flow rate	1.1-10.0 USGPM
Nominal pressure	PN 16
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	0.67 - 0.73 HP
Nominal motor speed	3400 rpm
Suction-side connection design	Thread: G, NPT, Rc/PT
Suction-side connection size	G½″
Pressure-side connection design	Thread: G, NPT, Rc/PT
Pressure-side connection size	G ½"
Material designs	Stainless steel
Explosion protection	None