

Product data sheet

Regenerative turbine pump

Close-coupled pump with mechanical seal



Description

- » Regenerative turbine pump
- » Close-coupled pump
- » Mechanical seal
- » Suitable for the delivery of gas shares
- » High pressures with a compact design
- » 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
- » Welding appliances
- » Plasma cutters
- » Industrial lasers

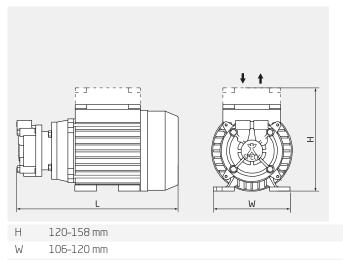
Temperature control

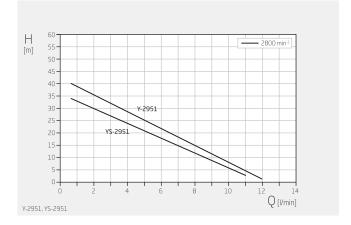
- » Laboratory tempering devices
- » Hot-water tempering devices
- » Oil tempering devices
- » Tool tempering for plastic injection moulding



Technical data

International system of units, alternating current 50 Hz





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

L 225-248 mm

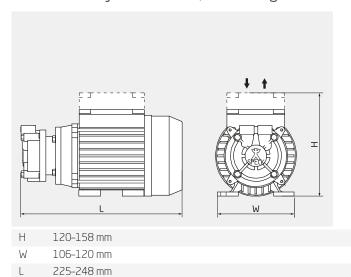
Dimensions may vary depending on the design.

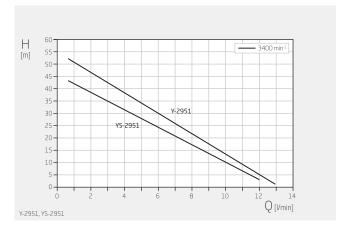
Product type	Regenerative turbine pump
Shaft sealing	Mechanical seal
Pump design	Close-coupled pump
Typical media	Water max. +80 °C
Self-priming	No
Variable speed	Frequency-converter-compatible motor on request
Total head	2-40 m
Flow rate	1-12 l/min
Nominal pressure	PN 6
Motor current type	1~ 3~
Type of motor	Asynchronous motor
Nominal motor power	0.12 – 0.25 kW
Nominal motor speed	2800 rpm
Suction-side connection design	Threaded
Suction-side connection size	G ¼"
Pressure-side connection design	Threaded
Pressure-side connection size	G ¼"
Material designs	Stainless steel Brass PPS
Explosion protection	None II 3G, II 3D II 2G, II 2D



Technical data

International system of units, alternating current 60 Hz





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

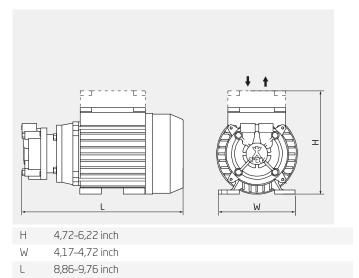
Dimensions may vary depending on the design.

Product type Regenerative turbine pump Shaft sealing Mechanical seal Pump design Close-coupled pump Typical media Water max. +80 °C Self-priming No Variable speed Frequency-converter-compatible motor on request Total head 2-52 m Flow rate 1-13 l/min Nominal pressure PN 6 Motor current type 1-3 3 3 Type of motor Asynchronous motor Nominal motor power 0.12 - 0.25 kW Nominal motor speed 3400 rpm Suction-side connection design Threaded Suction-side connection design Threaded Pressure-side connection design Threaded Pressure-side connection size G.W* Material designs Stainless steel Brass PPS Explosion protection None II3G, II 3D II 3G, II 2D		
Pump design Close-coupled pump Typical media Water max. +80 °C Self-priming No Variable speed Frequency-converter-compatible motor on request Total head 2-52 m Flow rate 1-13 l/min Nominal pressure PN 6 Motor current type 1° Type of motor Asynchronous motor Nominal motor power 0.12 - 0.25 kW Nominal motor speed 3400 rpm Suction-side connection design Threaded Pressure-side connection size G ¼* Pressure-side connection size G ¼* Material designs Stainless steel Brass PPS Explosion protection None II 3G, II 3D	Product type	Regenerative turbine pump
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Flow rate 1-13 l/min Nominal pressure PN 6 Motor current type 1-2-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-	Variable speed	Frequency-converter-compatible motor on request
Nominal pressure PN 6 Motor current type 1°/3° Type of motor Asynchronous motor Nominal motor power 0.12 - 0.25 kW Nominal motor speed 3400 rpm Suction-side connection design Threaded Suction-side connection size G ¼" Pressure-side connection design Threaded Pressure-side connection size G ½" Material designs Stainless steel Brass steel Brass PPS Explosion protection None II 3G, II 3D	Total head	2-52 m
Motor current type1~ 3~Type of motorAsynchronous motorNominal motor power0.12 - 0.25 kWNominal motor speed3400 rpmSuction-side connection designThreadedSuction-side connection sizeG.W"Pressure-side connection designThreadedPressure-side connection sizeG.W"Material designsStainless steel Brass PPSExplosion protectionNone II 3G, II 3D	Flow rate	1–13 l/min
Type of motor Nominal motor power Nominal motor speed 3400 rpm Suction-side connection design Suction-side connection design Threaded Pressure-side connection design Threaded Pressure-side connection size G'¼" Material designs Stainless steel Brass PPS Explosion protection None II 3G, II 3D	Nominal pressure	PN 6
Nominal motor power 0.12 - 0.25 kW Nominal motor speed 3400 rpm Suction-side connection design Threaded Suction-side connection size G ¼" Pressure-side connection design Threaded Pressure-side connection size G ¼" Material designs Stainless steel Brass PPS Explosion protection Wone II 3G, II 3D	Motor current type	
Nominal motor speed3400 rpmSuction-side connection designThreadedSuction-side connection sizeG ¼"Pressure-side connection designThreadedPressure-side connection sizeG ¼"Material designsStainless steel Brass PPSExplosion protectionNone II 3G, II 3D	Type of motor	Asynchronous motor
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Suction-side connection size Pressure-side connection design Pressure-side connection size G ¼" Material designs Stainless steel Brass PPS Explosion protection None II 3G, II 3D	Nominal motor speed	3400 rpm
Pressure-side connection design Pressure-side connection size G ¼" Material designs Stainless steel Brass PPS Explosion protection None II 3G, II 3D	Suction-side connection design	Threaded
Pressure-side connection size G ¼" Material designs Stainless steel Brass PPS Explosion protection None II 3G, II 3D	Suction-side connection size	G ¼"
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Brass PPS Explosion protection None II 3G, II 3D	Pressure-side connection size	G ¼"
II 3G, II 3D	Material designs	Brass
	Explosion protection	

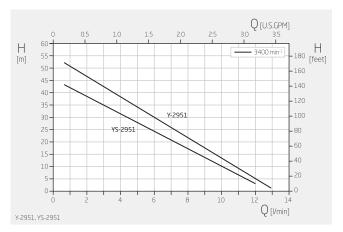


Technical data

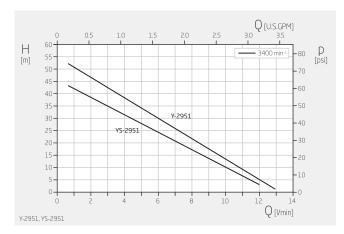
Anglo-American system of measurement, alternating current 60 Hz



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	Mechanical seal
Pump design	Close-coupled pump
Typical media	Water max. +176 °F
Self-priming	No
Variable speed	Frequency-converter-compatible motor on request
Total head	7-171 ft
Flow rate	0.3-3.4 USGPM
Nominal pressure	PN 6
Motor current type	1~
	3~
Type of motor	Asynchronous motor
Nominal motor power	0.16 – 0.34 HP
Nominal motor speed	3400 rpm
Suction-side connection design	Threaded
Suction-side connection size	G ¼"
Pressure-side connection design	Threaded
Pressure-side connection size	G ¼"
Material designs	Stainless steel
	Brass PPS
Evaluation protection	
Explosion protection	None II 3G, II 3D
	II 2G, II 2D