

Qty.	Description
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1	SL1.100.100.40.4.51D.C
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Note! Product picture may differ from actual product

Product No.: [98624701](#)

Non-self-priming, single-stage, centrifugal pump designed for handling wastewater, process water and unscreened raw sewage.

The pump is designed for intermittent and continuous operations in submerged installation. The revolutionary S-tube® impeller provides free spherical passage of solids up to 100 mm and is suitable for wastewater with a dry matter content of up to 3 %. A unique stainless-steel clamp assembling system enables quick and easy disassembly of the pump from the motor unit for service and inspection. No special tools are required.

Controls:

Moisture sensor: Y

Water-in-oil sensor: N

Liquid:

Liquid temperature range: 0 .. 40 °C

Selected liquid temperature: 20 °C

Density: 998.2 kg/m³

Technical:

Rated flow: 39.1 l/s

Maximum flow: 63.6 l/s

Rated head: 6.49 m

Type of impeller: S-TUBE

Max. Particle: 100 mm

Primary shaft seal: SIC/SIC

Approvals: CE EN12050-1

Curve tolerance: ISO9906:2012 3B2

Cooling jacket (Yes/No): N

Materials:

Pump housing: Cast iron
EN 5.1301 EN-GJL-250

Impeller: Cast iron
EN 5.1301 EN-GJL-250

Motor: EN-GJL-250

Installation:

Range of ambient temperature: 0 .. 40 °C

Maximum operating pressure: 6 bar

Type of inlet connection: DIN

Type of outlet connection: DIN

Size of inlet connection: DN 150

Size of outlet connection: DN 100

Pressure rating for connection: PN 10

Maximum installation depth: 7 m

Auto coupling: 96090994

Frame range: C



Company name:

Created by:

Phone:

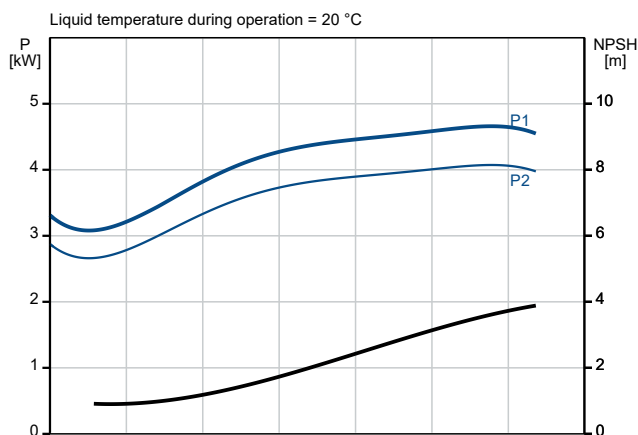
Date:

08/10/2024

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1	Electrical data:
	Power input P1: 4.8 kW
	Rated power - P2: 4 kW
	Mains frequency: 50 Hz
	Rated voltage: 3 x 380-415 V
	Voltage tolerance: +10/-10 %
	Max starts per hour: 20
	Rated current: 9.6 A
	Starting current: 65 A
	Cos phi - power factor: 0.72
	Cos phi - p.f. at 3/4 load: 0.63
	Cos phi - p.f. at 1/2 load: 0.50
	Rated speed: 1464 rpm
	Motor efficiency at full load: 87.4 %
	Motor efficiency at 3/4 load: 87.1 %
	Motor efficiency at 1/2 load: 85.0 %
	Number of poles: 4
	Method of start: SD
	Enclosure class (IEC 34-5): IP68
	Insulation class (IEC 85): H
	Explosion proof: no
	Built-in motor protection: THERMAL SWITCH
	Power cable type: LYNIFLEX
	Length of power cable: 10 m
	Power plug: No plug
	Others:
	Net weight: 162 kg
	Gross weight: 183 kg
	Danish VVS No.: 391285336
	Finnish LVI No.: 4836158
	Country of origin: HU
	Custom tariff no.: 84137021

Description	Value
General information:	
Product name:	SL1.100.100.40.4.51D.C
Product No:	98624701
EAN number:	5711498435490
Technical:	
Rated flow:	39.1 l/s
Maximum flow:	63.6 l/s
Rated head:	6.49 m
Maximum head:	11.7 m
Type of impeller:	S-TUBE
Max. Particle:	100 mm
Primary shaft seal:	SIC/SIC
Approvals:	CE EN12050-1
Curve tolerance:	ISO9906:2012 3B2
Cooling jacket (Yes/No):	N
Materials:	
Pump housing:	Cast iron
Pump housing:	EN 5.1301 EN-GJL-250
Impeller:	Cast iron
Impeller:	EN 5.1301 EN-GJL-250
Motor:	EN-GJL-250
Installation:	
Range of ambient temperature:	0 .. 40 °C
Maximum operating pressure:	6 bar
Type of inlet connection:	DIN
Type of outlet connection:	DIN
Size of inlet connection:	DN 150
Size of outlet connection:	DN 100
Pressure rating for connection:	PN 10
Maximum installation depth:	7 m
Inst dry/wet:	SUBMERGED
Installation:	Vertical
Auto coupling:	96090994
Frame range:	C
Liquid:	
Liquid temperature range:	0 .. 40 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Power input P1:	4.8 kW
Rated power - P2:	4 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 V
Voltage tolerance:	+10/-10 %
Max starts per hour:	20
Rated current:	9.6 A
Starting current:	65 A
Cos phi - power factor:	0.72
Cos phi - p.f. at 3/4 load:	0.63
Cos phi - p.f. at 1/2 load:	0.50
Rated speed:	1464 rpm
Motor efficiency at full load:	87.4 %
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Insulation class (IEC 85):	H





Company name:

Created by:

Phone:

Date:

08/10/2024

Description	Value
Explosion proof:	no
Built-in motor protection:	THERMAL SWITCH
Power cable type:	LYNIFLEX
Length of power cable:	10 m
Power plug:	No plug
Controls:	
Control box:	N
Moisture sensor:	Y
Water-in-oil sensor:	N
Others:	
Net weight:	162 kg
Gross weight:	183 kg
Danish VVS No.:	391285336
Finnish LVI No.:	4836158
Country of origin:	HU
Custom tariff no.:	84137021