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Company name: Created by: Phone:

Date: 09/02/2021 Qty. Description SQ 2-35 Note! Product picture may differ from actual product Product No.: On request 3" multi-stage, submersible pump designed for domestic water supply, liquid transfer in tanks, irrigation and environmental applications. The pump has "floating" impellers, each with its own tungsten carbide/ceramic bearing. The pump features soft starting and protection against dry-running, upthrust, overvoltage, undervoltage, overload and overtemperature. The motor is a single-phase motor of the permanent magnet rotor type ensuring optimum efficiency within a wide load range. The motor is fitted with a replaceable end cover with socket. Liquid: Pumped liquid: Water Maximum liquid temperature: 35 °C Max liquid t at 0.15 m/sec: 35 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Technical: Pump speed on which pump data are based: 10700 rpm Rated flow: 2 m³/h Rated head: 35 m Approvals on motor nameplate: CE,UL,CUL Curve tolerance: ISO9906:2012 3B Materials: Polyamide / Stainless steel Pump: DIN W.-Nr. 1.4301 AISI 304 Impeller: Polvamide Motor: Stainless steel DIN W.-Nr. 1.4301 AISI 304 Installation: Pump outlet: Rp1 1/4

Minimum borehole diameter:

Electrical data:

Motor type:

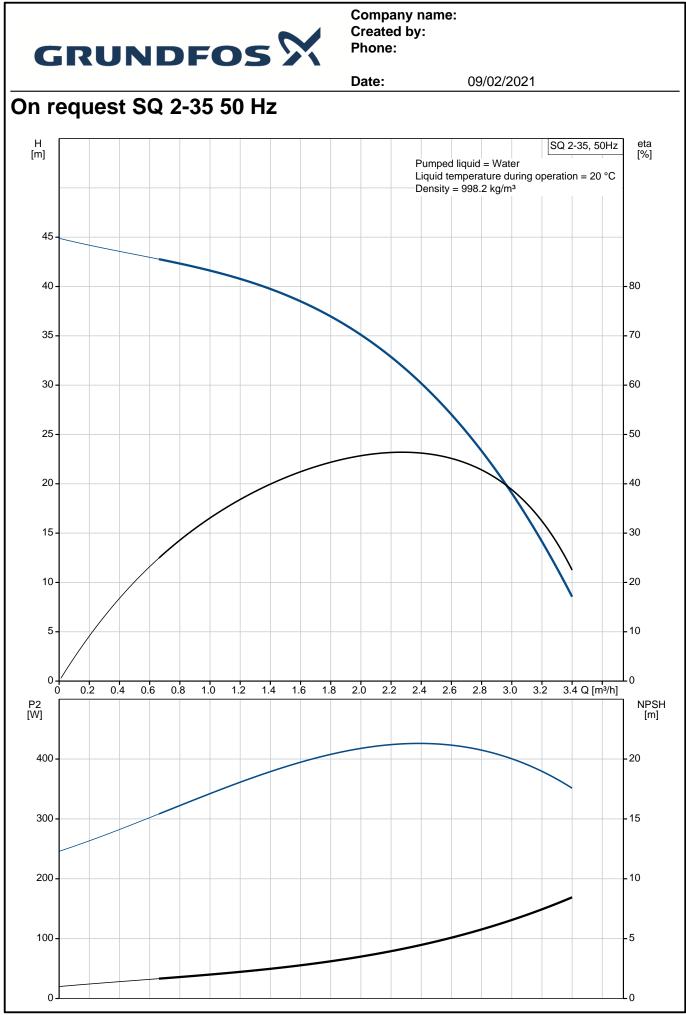
76 mm

MS3

1.02 kW



	GRUNDF		Data	00/02/2024	
<i>.</i>	Description		Date:	09/02/2021	
	Rated power - P2: Power input P3: Mains frequency: Rated voltage: Rated current: Power factor: Rated speed:	0.7 kW 0.47 kW 50 Hz 1 x 200-240 V 5.2 A 1.00 10700 rpm			
	Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Length of cable: Motor No:	direct-on-line IP68 F 1.5 m 96160850			
	Others: Net weight: Gross weight: Shipping volume: Danish VVS No.: Finnish LVI No.:	4.7 kg 5.1 kg 0.009 m ³ 388432435 4762591			





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Description	Value	H [m]				L	SQ 2-35, 50Hz
General information:					iquid = Wa		eration = 20 °C
Product name:	SQ 2-35				998.2 kg/r		
Product No:	On request	45 -					
EAN number:	On request						
Price:	•	40 -		\searrow			
Technical:							
Pump speed on which pump data are based:	10700 rpm	35 -					
Rated flow:	2 m³/h	30 -					
Rated head:	35 m						
		25 -					
Stages:	2						
Approvals on motor nameplate:	CE,UL,CUL	20 -					
Curve tolerance:	ISO9906:2012 3B						
Pump No:	96080384	15 -					
Model:	В						
Valve:	pump with built-in non-return valve	10-					
Materials:		5-	+				
Pump:	Polyamide / Stainless steel						
Pump:	DIN WNr. 1.4301).5 1.0	1.5	2.0	2.5	3.0 Q [m³/h]
Pump:	AISI 304	P2 [W]		1.5	2.5		5.5 sc[m/n
Impeller:	Polyamide	[W]					
Motor:	Stainless steel	400 -					\checkmark
Motor:	DIN WNr. 1.4301						
		300 -					
Motor:	AISI 304	000	1				
Installation:							
Pump outlet:	Rp1 1/4	200 -					
Minimum borehole diameter:	76 mm						
Liquid:		100 -					
Pumped liquid:	Water						
Maximum liquid temperature:	35 °C	0					
Max liquid t at 0.15 m/sec:	35 °C						
Selected liquid temperature:	20 °C						
Density:	998.2 kg/m ³						
Electrical data:							
	MS3						
Motor type: Power input - P1:							
Power input - P1:	1.02 kW						
Rated power - P2:	0.7 kW						
Power input P3:	0.47 kW						
Mains frequency:	50 Hz						
Rated voltage:	1 x 200-240 V						
Rated current:	5.2 A						
Power factor:	1.00						
Rated speed:	10700 rpm						
Start. method:	direct-on-line						
Enclosure class (IEC 34-5):	IP68						
Insulation class (IEC 85):	F						
Motor protec:	Y						
Thermal protec:	internal						
-	1.5 m						
Length of cable:							
Motor No:	96160850						
Controls:							
CU 300/CU 301:	no communication possible						
Others:							
Net weight:	4.7 kg						
Gross weight:	5.1 kg						
Shipping volume:	0.009 m ³						
Sales region:	EU/S-AMREG/APREG						

Printed from Grundfos Product Centre [2021.01.029]



Date:

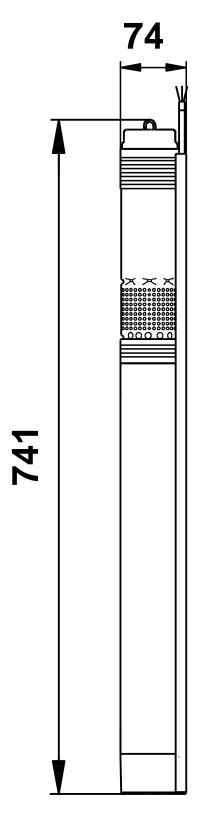
09/02/2021

Description Finnish LVI No.: Value 4762591



09/02/2021

On request SQ 2-35 50 Hz



Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



09/02/2021

Date:

On request SQ 2-35 50 Hz

