

1

Company name: Created by: Phone:

Date: 09/02/2021 Qty. Description SQ 1-65 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/m<sup>3</sup> Technical: Pump speed on which pump data are based: 10700 rpm Rated flow: 1 m³/h Rated head: 72 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:

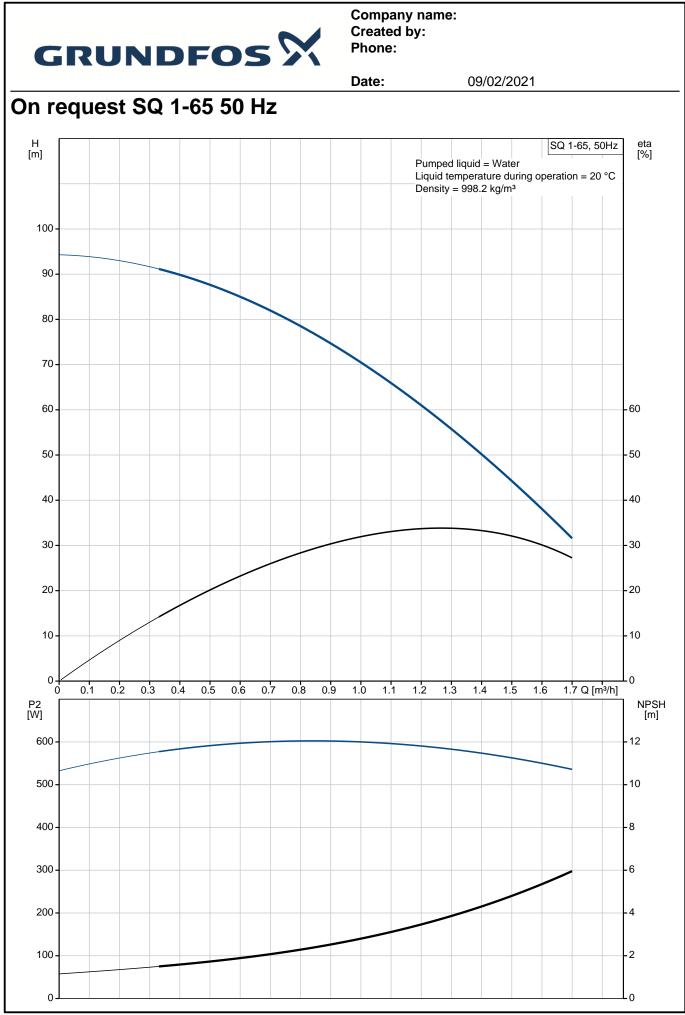
Motor type: Power input - P1: 76 mm

MS3

1.02 kW



	GRUNDF		Phone:		
- 1	Description		Date:	09/02/2021	
y.	Description Rated power - P2: Power input P3: Mains frequency:	0.7 kW 0.68 kW 50 Hz			
	Rated voltage: Rated current: Power factor:	1 x 200-240 V 5.2 A 1.00			
	Rated speed: Start. method: Enclosure class (IEC 34-5):	10700 rpm direct-on-line IP68 -			
	Insulation class (IEC 85): Length of cable: Motor No:	F 1.5 m 96160850			
	Others: Net weight: Gross weight:	4.9 kg 5.3 kg			
	Shipping volume: Danish VVS No.: Norwegian NRF no.:	0.009 m <sup>3</sup> 388431465 9041346			





		Date:		09	/02/20	<u> </u>		
Description	Value	H [m]					SQ 1-65, 50⊦	lz
General information:				Pump	ed liquid =	Water	eration = 20 °0	
Product name:	SQ 1-65				temperatu y = 998.2			
Product No:	On request	100 -				-		
EAN number:	On request	90 -						
Price:		00		$\sim$				
Technical:		80 -						
Pump speed on which pump data are based:	10700 rpm	70 -						
Rated flow:	1 m³/h	60						- 60
Rated head:	72 m	60 -						- 60
Stages:	4	50 -						- 50
Approvals on motor nameplate:	CE,UL,CUL							
Curve tolerance:	ISO9906:2012 3B	40 -						- 4
Pump No:	96080383						$\sim$	
Model:	В	30 -						- 3
Valve:	pump with built-in	20 -						-2
Materials:	non-return valve	10 -						
Pump:	Polyamide / Stainless steel							
Pump:	DIN WNr. 1.4301	0-				10 1		۰ L
	AISI 304	( P2	0.2 (	0.4 0.6	0.8 1.0	0 1.2 1	.4 Q [m³/	'h]
Pump:		P2 [W]						
Impeller:	Polyamide	-						
Motor:	Stainless steel	500 -						- 10
Motor:	DIN WNr. 1.4301							
Motor:	AISI 304	400 -						-8
Installation:	5 4 4 4	300 -						- 6
Pump outlet:	Rp1 1/4							$\ $
Minimum borehole diameter:	76 mm	200 -						- 4
Liquid:		100 -						-2
Pumped liquid:	Water	100 -						ſĹ
Maximum liquid temperature:	35 °C	0 -						0
Max liquid t at 0.15 m/sec:	35 °C							
Selected liquid temperature:	20 °C							
Density:	998.2 kg/m³							
Electrical data:								
Motor type:	MS3							
Power input - P1:	1.02 kW							
Rated power - P2:	0.7 kW							
Power input P3:	0.68 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							
Length of cable:	1.5 m							
Motor No:	96160850							
Controls:								
CU 300/CU 301:	no communication possible							
Others:								
Net weight:	4.9 kg							
Gross weight:	5.3 kg							
Shipping volume:	0.009 m <sup>3</sup>							
Sales region:	EU/S-AMREG/APREG							
Danish VVS No.:	388431465							

Printed from Grundfos Product Centre [2021.01.029]



Date:

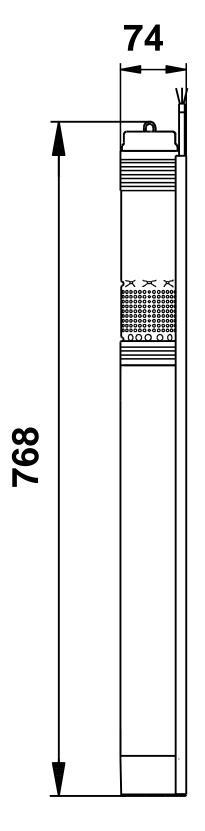
09/02/2021

Description Norwegian NRF no.: Value 9041346



09/02/2021

On request SQ 1-65 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 1-65 50 Hz

