

Qty. Description

1 SQ 1-65N



Note! Product picture may differ from actual product

Product No.: [96160405](#)

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 at selected liquid temperature: 998.2 kg/m³

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:

Pump: Polyamide / Stainless steel
 DIN W.-Nr. 1.4401
 AISI 316
 Impeller: Polyamide
 Motor: Stainless steel
 DIN W.-Nr. 1.4401
 AISI 316

Installation:

Pump outlet: Rp 1 1/4
 Minimum borehole diameter: 76 mm

Electrical data:

Motor type: MS3-N
 Power input - P1: 1.02 kW



Company name:

Created by:

Phone:

Date:

27/09/2019

| Qty. | Description |
|------|---|
| | <p>Rated power - P2: 0.7 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 Length of cable: 1.5 m Motor No: 96160858</p> <p>Others: Net weight: 4.9 kg Gross weight: 5.6 kg Shipping volume: 0.009 m³</p> |

| Description | Value |
|--|--|
| General information: | |
| Product name: | SQ 1-65N |
| Product No: | 96160405 |
| EAN number: | 5700398875024 |
| | 5700398875024 |
| Technical: | |
| Pump speed on which pump data are based: | 10700 rpm |
| Rated flow: | 1 m ³ /h |
| Rated head: | 72 m |
| Stages: | 4 |
| Approvals on motor nameplate: | CE,UL,CUL |
| Curve tolerance: | ISO9906:2012 3B |
| Pump No: | 96080718 |
| Model: | B |
| Valve: | pump with built-in non-return valve |
| Materials: | |
| Pump: | Polyamide / Stainless steel DIN W.-Nr. 1.4401 AISI 316 |
| Impeller: | Polyamide |
| Motor: | Stainless steel DIN W.-Nr. 1.4401 AISI 316 |
| Installation: | |
| Pump outlet: | Rp 1 1/4 |
| Minimum borehole diameter: | 76 mm |
| 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 at selected liquid temperature: | 998.2 kg/m ³ |
| Electrical data: | |
| Motor type: | MS3-N |
| Power input - P1: | 1.02 kW |
| Rated power - P2: | 0.7 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 |
| Cable kit: | Y |
| Motor No: | 96160858 |
| Controls: | |
| CU 300/CU 301: | no communication possible |
| Others: | |
| Net weight: | 4.9 kg |
| Gross weight: | 5.6 kg |
| Shipping volume: | 0.009 m ³ |
| Sales region: | Australia |

