

Qty. Description

1

SQ 2-85N



Note! Product picture may differ from actual product

Product No.: [96160415](#)

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: 2 m³/h
 Rated head: 88 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: 1.65 kW



Company name:

Created by:

Phone:

Date:

12/06/2019

Qty.	Description
	<p data-bbox="199 338 722 667">Rated power - P2: 1.15 kW Mains frequency: 50 Hz Rated voltage: 1 x 200-240 V Rated current: 8.4 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: 96160859</p> <p data-bbox="199 696 652 817">Others: Net weight: 5.5 kg Gross weight: 6.2 kg Shipping volume: 0.01 m³</p>

Description	Value
General information:	
Product name:	SQ 2-85N
Product No:	96160415
EAN number:	5700398875123
Technical:	
Pump speed on which pump data are based:	10700 rpm
Rated flow:	2 m ³ /h
Rated head:	88 m
Stages:	5
Approvals on motor nameplate:	CE,UL,CUL
Curve tolerance:	ISO9906:2012 3B
Pump No:	96080730
Model:	B
Valve:	pump with built-in non-return valve
Materials:	
Pump:	Polyamide / Stainless steel DIN W.-Nr. 1.4401
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:	1.65 kW
Rated power - P2:	1.15 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 200-240 V
Rated current:	8.4 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:	96160859
Controls:	
CU 300/CU 301:	no communication possible
Others:	
Net weight:	5.5 kg
Gross weight:	6.2 kg
Shipping volume:	0.01 m ³
Sales region:	Australia

