

Company name: Created by: Phone:

Date: 12/06/2019 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 20 °C Selected liquid temperature: Density at selected liquid temperature: 998.2 kg/m<sup>3</sup> **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: Polyamide / Stainless steel Pump: DIN W.-Nr. 1.4401 AISI 316 Polyamide Impeller: Motor: Stainless steel DIN W.-Nr. 1.4401 AISI 316 Installation: Pump outlet: Rp 1 1/4 Minimum borehole diameter: 76 mm

MS3-N

1.65 kW

**Electrical data:** 

Motor type: Power input - P1:



Company name: Created by: Phone:

			Date:	12/06/2019	
-	Description				
	Rated power - P2: Mains frequency:	1.15 kW 50 Hz			
	Rated voltage: Rated current:	1 x 200-240 V 8.4 A			
	Power factor:	1.00			
	Rated speed: Start. method:	10700 rpm direct-on-line			
	Enclosure class (IEC 34-5):	IP68			
	Insulation class (IEC 85): Length of cable:	F 1.5 m			
	Motor No:	96160859			
	Others:	E E ka			
	Net weight: Gross weight:	5.5 kg 6.2 kg			
	Shipping volume:	0.01 m <sup>3</sup>			



## Company name: Created by: Phone:

		Date:	12/06/20	19
Description	Value	H [m]		SQ 2-85N, 50Hz
General information:				
Product name:	SQ 2-85N	120 -		
Product No:	96160415	110 -		
EAN number:	5700398875123			
echnical:		100 -		
Pump speed on which pump data are	40700	90 -		
based:	10700 rpm	80 -		
Rated flow:	2 m³/h			
Rated head:	88 m	70 -		
Stages:	5	60 -		
Approvals on motor nameplate:	CE,UL,CUL	50		
Curve tolerance:	ISO9906:2012 3B	50 -		
Pump No:	96080730	40 -		
Model:	В	30 -		<b>``</b>
· ·	pump with built-in	-		
/alve:	non-return valve	20-		
Naterials:		10 -		
Pump:	Polyamide / Stainless steel	0		
	DIN WNr. 1.4401	0 0.	5 1.0 1.5 2.0	) 2.5 3.0 Q [m³/h]
	AISI 316	P2 [W]		
mpeller:	Polyamide	1000 -		
Aotor:	Stainless steel			
	DIN WNr. 1.4401	800 -		
	AISI 316	600 -		
nstallation:		000-		
Pump outlet:	Rp 1 1/4	400 -		
linimum borehole diameter:	76 mm			
iquid:		200 -		
umped liquid:	Water			
laximum liquid temperature:	35 °C	0		
lax liquid t at 0.15 m/sec:	35 ℃	74		
elected liquid temperature:	20 °C			
Density at selected liquid				
emperature:	998.2 kg/m³			
lectrical data:		-		
lotor type:	MS3-N			
ower input - P1:	1.65 kW			
ated power - P2:	1.15 kW			
lains frequency:	50 Hz	825		
ated voltage:	1 x 200-240 V			
Rated current:	8.4 A			
ower factor:	1.00			
ated speed:	10700 rpm			
tart. method:	direct-on-line			
inclosure class (IEC 34-5):	IP68			
nsulation class (IEC 85):	F	LN	 	
lotor protec:	Y			
hermal protec:	internal	ШІ		
ength of cable:	1.5 m			
able kit:	Y		l	
lotor No:	96160859			
iotor No:	30100033			
	no communication accelle			
CU 300/CU 301:	no communication possible	.     i	l	
thers:				
let weight:	5.5 kg	. [ ] ]		
Bross weight:	6.2 kg			
hipping volume:	0.01 m <sup>3</sup>	M		
Sales region:	Australia	/ 1/1 \		