

Company name: Created by: Phone:

Date: 14/06/2018

Position | Qty. | Description

1 CM3-3 S-R-I-E-AQQE



Product No.: 98482147

Compact, reliable, horizontal, multistage, end-suction centrifugal pump with axial suction port and radial discharge port. The pump is self-priming and can create a suction lift of up to 4 m metres. Pump materials in contact with the liquid are in stainless steel. The mechanical shaft seal is a special designed, unbalanced O-ring seal. Pipework connection is via internal Whitworth pipe threads, Rp (ISO 7/1).

The pump is fitted with a 1-phase, foot-mounted, fan-cooled asynchronous motor.

Liquid:

Pumped liquid: Water
Liquid temperature range: 0 .. 60 °C
Liquid temperature during operation: 20 °C
Density: 998.2 kg/m³

Technical:

Speed for pump data: 2900 rpm
Rated flow: 3 m³/h
Rated head: 20.5 m
Primary shaft seal: AQQE

Approvals on nameplate: CE,WRAS,ACS,TR,EAC Curve tolerance: ISO9906:2012 3B

Self-priming: 4 m

Materials:

Pump housing: Stainless steel

DIN W.-Nr. 1.4301

AISI 304

Impeller: Stainless steel

DIN W.-Nr. 1.4301

AISI 304

Rubber: EPDM

Installation:

 $\begin{tabular}{ll} Maximum ambient temperature: $5 \ ^\circ C \\ Maximum operating pressure: $10 \ bar \end{tabular}$

Max pressure at stated temp: 10 bar / 60 °C Flange standard: WHITWORTH THREAD RP

Pump inlet: Rp 1 Pump outlet: Rp 1

Electrical data:

Motor type: 71B
Rated power - P2: 0.5 kW
Mains frequency: 50 Hz
Rated voltage: 1 x 220-240 V

Service factor: 1



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			Date:	14/06/2018	
Position	Qtv.	Description			
			24004		
		Rated current:	3,1-2,8 A		
		Starting current:	530 %		
		Rated speed:	2730-2740 rpm		
		Enclosure class (IEC 34-5):	IP55		
		Insulation class (IEC 85):	F		
		Others:			
		Minimum efficiency index, MEI	: 0,7		
		Net weight:	13.8 kg		
		Gross weight:	16.3 kg		
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