



Company name:

Created by:

Phone:

Date:

03/06/2022

Qty. Description

1 CR 10-3 A-FJ-A-E-HQQE



Note! Product picture may differ from actual product

Product No.: [96500868](#)

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via combined DIN-JIS flanges.

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

Liquid:

Pumped liquid: Water
 Liquid temperature range: -20 .. 120 °C
 Selected liquid temperature: 20 °C
 Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2789 rpm
 Rated flow: 10 m³/h
 Rated head: 21.9 m
 Pump orientation: Vertical
 Shaft seal arrangement: Single
 Code for shaft seal: HQQE
 Approvals: CE,EAC,UKCA,SEPRO
 Approvals for drinking water: WRAS,ACS
 Curve tolerance: ISO9906:2012 3B

Materials:

Base: Cast iron
 EN 1561 EN-GJL-200
 ASTM A48-25B
 Impeller: Stainless steel
 EN 1.4301
 AISI 304
 Bearing: SIC

Installation:

t max amb: 40 °C
 Maximum operating pressure: 16 bar
 Max pressure at stated temp: 16 bar / 120 °C
 16 bar / -20 °C

Type of connection: DIN / JIS
 Size of inlet connection: DN 40
 Size of outlet connection: DN 40
 Pressure rating for connection: PN 25
 Flange rating inlet: 300 lb
 Flange size for motor: FT115

Electrical data:



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	<p>Motor standard: IEC</p> <p>Motor type: 90SB</p> <p>Rated power - P2: 1.1 kW</p> <p>Power (P2) required by pump: 1.1 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 1 x 220-230/240 V</p> <p>Rated current: 7.40/6.70 A</p> <p>Starting current: 390 %</p> <p>Cos phi - power factor: 0.98/0.99</p> <p>Rated speed: 2770 rpm</p> <p>Motor efficiency at full load: 73-71 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): 55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p>Motor No: 85215705</p> <p>Controls:</p> <p>Frequency converter: NONE</p> <p>Others:</p> <p>Minimum efficiency index, MEI \geq: 0.70</p> <p>Net weight: 48 kg</p> <p>Gross weight: 51 kg</p> <p>Shipping volume: 0.094 m³</p> <p>Country of origin: SG</p> <p>Custom tariff no.: 84137042</p>