

Qty. Description

1 CR 10-16 A-FJ-A-E-HQQE



Note! Product picture may differ from actual product

Product No.:

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 3-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: 2919 rpm
Rated flow: 10 m³/h
Rated head: 129.4 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:

Maximum ambient temperature: 60 °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: FF265



Company name:

Created by:

Phone:

Date:

15/10/2024

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1	Electrical data:
	Motor standard: IEC
	Motor type: 132SC
	Rated power - P2: 5.5 kW
	Power (P2) required by pump: 5.5 kW
	Mains frequency: 50 Hz
	Rated voltage: 3 x 220-240D/380-415Y V
	Rated current: 19.0/11.0 A
	Starting current: 1080-1180 %
	Cos phi - power factor: 0.87-0.82
	Rated speed: 2920-2940 rpm
	IE Efficiency class: IE3
	Motor efficiency at full load: 89.2 %
	Motor efficiency at 3/4 load: 90.0-89.8 %
	Motor efficiency at 1/2 load: 89.6-88.4 %
	Number of poles: 2
	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	Motor No: 85U07417
	Controls:
	Frequency converter: None
	Others:
	Terminal box position: 6
	Minimum efficiency index, MEI ≥: 0.70
	Net weight: 97 kg
	Gross weight: 119 kg
	Shipping volume: 0.321 m³