

Qty. Description

1 CRI 1-11 A-CA-A-V-HQQV



Note! Product picture may differ from actual product

Product No.: [96516347](#)

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid 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 FlexiClamps.

The pump is fitted with a 3-phase, fan-cooled asynchronous motor.

Liquid:

Pumped liquid: Water
 Liquid temperature range: -20 .. 90 °C
 Selected liquid temperature: 20 °C
 Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2856 rpm
 Rated flow: 1.8 m³/h
 Rated head: 51.2 m
 Pump orientation: Vertical
 Shaft seal arrangement: Single
 Code for shaft seal: HQQV
 Approvals: CE,EAC,UKCA,SEPRO
 Approvals for drinking water: WRAS
 Curve tolerance: ISO9906:2012 3B

Materials:

Base: Stainless steel
 EN 1.4408
 AISI 316
 Impeller: Stainless steel
 EN 1.4301
 AISI 304
 Bearing: SIC

Installation:

t max amb: 60 °C
 Maximum operating pressure: 25 bar
 Max pressure at stated temp: 25 bar / 90 °C
 25 bar / -20 °C
 Type of connection: FlexiClamp
 Size of inlet connection: DN 32
 Size of outlet connection: DN 32
 Pressure rating for connection: PN 25
 Flange size for motor: FT85

Electrical data:

Motor standard: IEC
 Motor type: 71B

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1	<p>IE Efficiency class: IE3</p> <p>Rated power - P2: 0.55 kW</p> <p>Power (P2) required by pump: 0.55 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 2.50/1.44 A</p> <p>Starting current: 580-620 %</p> <p>Cos phi - power factor: 0.80-0.70</p> <p>Rated speed: 2830-2850 rpm</p> <p>Efficiency: IE3 77,8%</p> <p>Motor efficiency at full load: 77.8 %</p> <p>Motor efficiency at 3/4 load: 81.5 %</p> <p>Motor efficiency at 1/2 load: 79.5 %</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: 85805103</p> <p>Controls:</p> <p>Frequency converter: NONE</p> <p>Others:</p> <p>Minimum efficiency index, MEI ≥: 0.70</p> <p>Net weight: 19.4 kg</p> <p>Gross weight: 22.1 kg</p> <p>Shipping volume: 0.063 m³</p> <p>Country of origin: GB</p> <p>Custom tariff no.: 84137075</p>
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