

**Qty. Description**

1 CR 5-8 A-A-A-E-HQQE



Note! Product picture may differ from actual product

Product No.: [99241116](#)

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. 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/m<sup>3</sup>

Technical:

Pump speed on which pump data are based: 1700 rpm  
 Rated flow: 3.5 m<sup>3</sup>/h  
 Rated head: 14.4 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:

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: Oval / Rp  
 Size of inlet connection: 1 1/4 inch  
 Size of outlet connection: 1 1/4 inch  
 Pressure rating for connection: PN 16  
 Flange size for motor: FT85

Electrical data:

Motor standard: IEC  
 Motor type: 71A

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1	<p>IE Efficiency class: NEMA Energy / IE2 60Hz / NRC</p> <p>Rated power - P2: 0.25 kW</p> <p>Power (P2) required by pump: 0.25 kW</p> <p>Mains frequency: 60 Hz</p> <p>Rated voltage: 3 x 220-255D/380-440Y V</p> <p>Rated current: 1.18/0.68 A</p> <p>Starting current: 410-490 %</p> <p>Cos phi - power factor: 0.79-0.68</p> <p>Rated speed: 1700-1730 rpm</p> <p>Efficiency: IE2 74,5% - IE2 75,2%</p> <p>Motor efficiency at full load: 74.5-75.2 %</p> <p>Motor efficiency at 3/4 load: 72.6 %</p> <p>Motor efficiency at 1/2 load: 68.3 %</p> <p>Number of poles: 4</p> <p>Enclosure class (IEC 34-5): 55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p>Motor No: 99928151</p> <p>Controls:</p> <p>Frequency converter: NONE</p> <p>Others:</p> <p>Minimum efficiency index, MEI ≥: 0.57</p> <p>Net weight: 21.4 kg</p> <p>Gross weight: 24.2 kg</p> <p>Shipping volume: 0.063 m<sup>3</sup></p> <p>Country of origin: DK</p> <p>Custom tariff no.: 84137075</p>