

**Qty. Description**

1 CR 20-4 A-F-A-E-HQQE



**Note! Product picture may differ from actual product**

Product No.: [96500510](#)

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 DIN 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/m<sup>3</sup>

**Technical:**

Pump speed on which pump data are based: 2919 rpm  
 Rated flow: 21 m<sup>3</sup>/h  
 Rated head: 46.7 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: 60 °C  
 Maximum operating pressure: 16 bar  
 Max pressure at stated temp: 16 bar / 120 °C  
 16 bar / -20 °C

Type of connection: DIN  
 Size of inlet connection: DN 50  
 Size of outlet connection: DN 50  
 Pressure rating for connection: PN 25  
 Flange size for motor: FF265

**Electrical data:**

Motor standard: IEC

Qty.	Description
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1	Motor type: 132SC
	IE Efficiency class: IE3
	Rated power - P2: 5.5 kW
	Power (P2) required by pump: 5.5 kW
	Mains frequency: 50 Hz
	Rated voltage: 3 x 380-415D V
	Rated current: 11 A
	Starting current: 1080-1180 %
	Cos phi - power factor: 0.87-0.82
	Rated speed: 2920-2940 rpm
	Efficiency: IE3 89,2%
	Motor efficiency at full load: 89.2 %
	Motor efficiency at 3/4 load: 90.0 %
	Motor efficiency at 1/2 load: 89.6 %
	Number of poles: 2
	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	Motor No: 85U17417
	Controls:
	Frequency converter: NONE
	Others:
	Minimum efficiency index, MEI ≥: 0.70
	Net weight: 89 kg
	Gross weight: 111 kg
	Shipping volume: 0.234 m <sup>3</sup>
	Danish VVS No.: 385905340
	Swedish RSK No.: 5823488
	Finnish LVI No.: 4925447
	Country of origin: HU
	Custom tariff no.: 84137075