

Qty. Description

1 CR 1S-21 A-A-A-E-HQQE



Note! Product picture may differ from actual product

Product No.: [96515613](#)

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. 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/m³

Technical:

Pump speed on which pump data are based: 2847 rpm
 Rated flow: 0.9 m³/h
 Rated head: 94.7 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:

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: Oval / Rp
 Size of inlet connection: 1 inch
 Size of outlet connection: 1 inch
 Pressure rating for connection: PN 16
 Flange size for motor: FT100

Electrical data:

Motor standard: IEC
 Motor type: 80A



Company name:

Created by:

Phone:

Date:

22/08/2024

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1	Rated power - P2:	0.75 kW
	Power (P2) required by pump:	0.75 kW
	Mains frequency:	50 Hz
	Rated voltage:	3 x 200-220D/346-380Y V
	Rated current:	3,35-3,65/1,94-2,1 A
	Starting current:	660-670 %
	Cos phi - power factor:	0.79-0.67
	Rated speed:	2820-2860 rpm
	IE Efficiency class:	IE3
	Motor efficiency at full load:	80.7 %
	Motor efficiency at 3/4 load:	81.8-78.4 %
	Motor efficiency at 1/2 load:	79.9-73.4 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	55 Dust/Jetting
	Insulation class (IEC 85):	F
	Motor No:	98816790
	Controls:	
	Frequency converter:	None
	Others:	
	Terminal box position:	6
	Minimum efficiency index, MEI ≥:	0.54
	Net weight:	28 kg
	Gross weight:	32.1 kg
	Shipping volume:	0.092 m ³