

Qty.	Description
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CRNF 5-6



Note! Product picture may differ from actual product

Product No.: [98415331](#)

CRIF, CRNF is a vertical, centrifugal multi-stage pump. This inline (non-self-priming) pump is suitable for in-pipe systems and designed for mounting on a foundation.

The MGF motor of the pump is suitable for both DC and AC supply.

As the motor electronics incorporate motor protection, no further motor protection is required.

The Maximum Power Point Tracking (MPPT) software allows the motor to operate efficiently connected to a solar panel.

Motor P1 is 1250 W, and maximum speed is 3350 rpm.

An external sensor can be connected in order to control the pump operation.

Liquid:

Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³

Technical:

Pump speed on which pump data are based:	3501 rpm
Rated flow:	6.9 m ³ /h
Rated head:	46.8 m
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals and markings:	CE,EAC,UKCA,SEPRO
Approvals for drinking water:	WRAS,ACS
Curve tolerance:	ISO9906:2012 3B

Materials:

Pump housing:	Stainless steel AISI 316 EN 1.4408
Impeller:	Stainless steel DIN W.-Nr. 1.4401 AISI 316

Installation:

t max amb:	50 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 120 °C 25 bar / -20 °C
Type of connection:	FlexiClamp
Size of connection:	DN 32
Flange size for motor:	FT115

Electrical data:



Company name:

Created by:

Phone:

Date:

10/11/2022

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1	Motor type: 90SC
	Power input - P1: 1.73 kW
	Rated power - P2: 1.5 kW
	Rated voltage ac: 1 x 90-240 V
	Rated voltage dc: 30 - 300 V
	Rated current: 8.9 A
	Cos phi - power factor: 0.99
	Rated speed: 500-3600 rpm
	Enclosure class (IEC 34-5): IP55
	Insulation class (IEC 85): F
	Motor No: 98190192
	Others:
	DOE Pump Energy Index CL: 0.00
	DOE Pump Energy Index VL: 0.00
	Net weight: 30.1 kg
	Gross weight: 33 kg
	Shipping volume: 0.14 m ³
	Country of origin: DK
	Custom tariff no.: 8413709062