

Position	Qty.	Description
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1 CRIF 5-6 A-CA-I-E-HQQE



Note! Product picture may differ from actual product

Product No.: [98414724](#)

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
 Liquid temperature during operation: 20 °C
 Density: 998.2 kg/m³

Technical:

Speed for pump data: 3452 rpm
 Rated flow: 6.9 m³/h
 Rated head: 45 m
 Primary shaft seal: HQQE
 Approvals on nameplate: CE,TR

Materials:

Pump housing: Stainless steel
 DIN W.-Nr. 1.4408
 AISI 316
 Impeller: Stainless steel
 DIN W.-Nr. 1.4301
 AISI 304

Installation:

Maximum ambient temperature: 50 °C
 Max pressure at stated temp: 25 bar / 120 °C
 25 bar / -20 °C
 Flange standard: CLAMP
 Pipe connection: FlexiClamp
 Flange size for motor: FT115

Electrical data:

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
 Cos phi - power factor: 0,99

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		<p data-bbox="213 235 734 324">Rated speed: 500-3600 rpm Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F</p> <p data-bbox="213 353 303 380">Others:</p> <p data-bbox="213 385 662 412">Net weight: 30.2 kg</p> <p data-bbox="213 414 662 441">Gross weight: 33.1 kg</p>