

Qty. Description

1 CRN 95-5 A-F-A-E-HQQE



Note! Product picture may differ from actual product

Product No.: [99141764](#)

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade stainless steel. The Grundfos 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.

Controls:

Frequency converter: NONE

Liquid:

Pumped liquid: Water
 Liquid temperature range: -40 .. 120 °C
 Liquid temperature during operation: 20 °C
 Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2965 rpm
 Rated flow: 95 m³/h
 Rated head: 117.1 m
 Pump orientation: Vertical
 Shaft seal arrangement: Single
 Code for shaft seal: HQQE
 Curve tolerance: ISO9906:2012 3B

Materials:

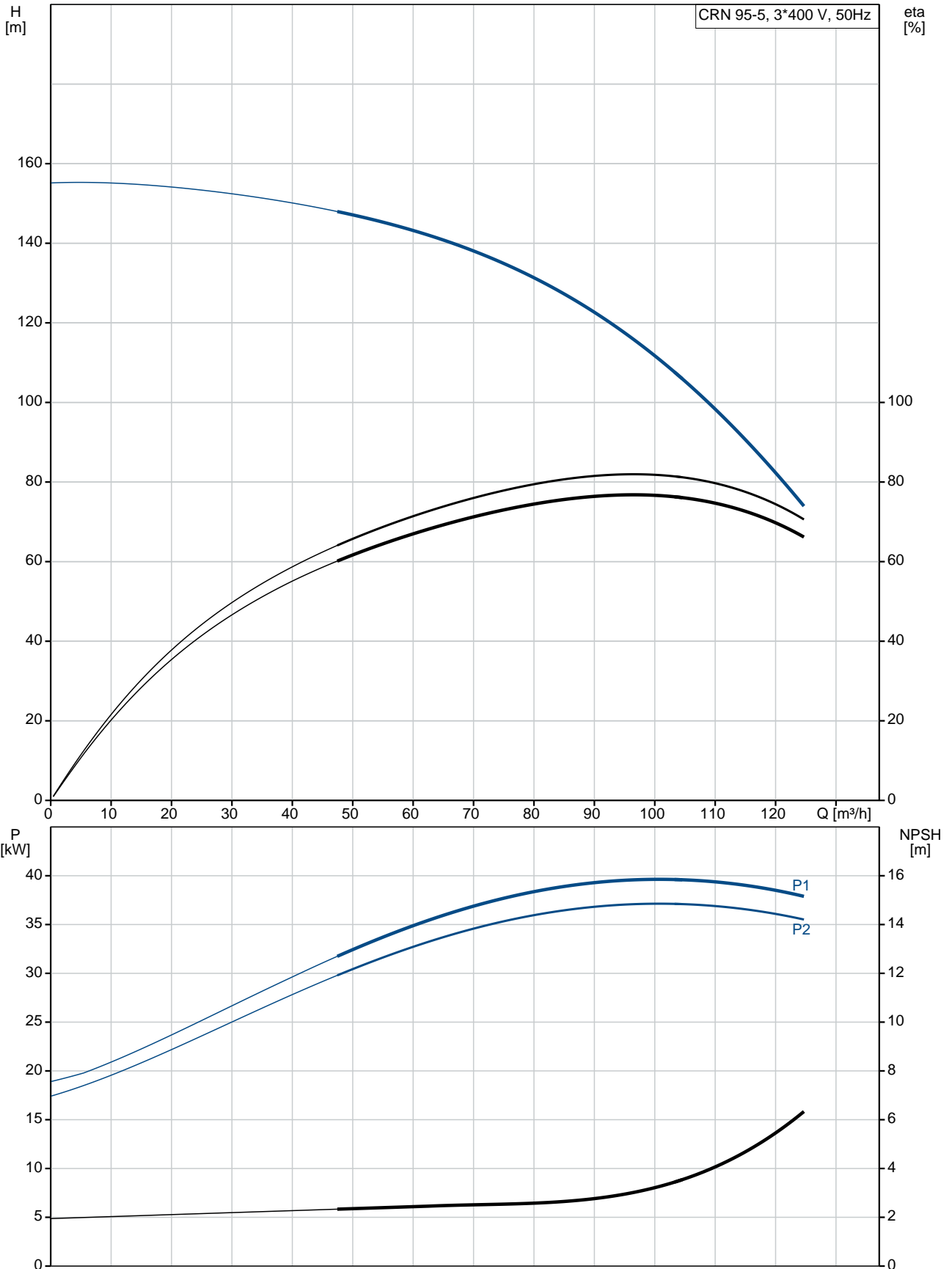
Base: Stainless steel
 EN 1.4408
 Impeller: Stainless steel
 EN 1.4401
 Bearing: WC/WC
 Support bearing: Graflon
 Material certified according to: European standards

Installation:

Maximum ambient temperature: 55 °C
 Maximum operating pressure: 16 bar
 Max pressure at stated temp: 16 bar / 120 °C
 Type of connection: DIN

Qty.	Description
	<p>Size of inlet connection: DN 100 Size of outlet connection: DN 100 Pressure rating for pipe connection: PN 16 Flange size for motor: FF350</p> <p>Electrical data: Motor standard: IEC Motor type: SIEMENS IE Efficiency class: IE3 Rated power - P2: 37 kW Power (P2) required by pump: 37 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-420D/660-725Y V Rated current: 68,0-63,0/39,0-36,0 A Starting current: 670-670 % Cos phi - power factor: 0.88 Rated speed: 2955 rpm Efficiency: IE3 93,7% Motor efficiency at full load: 93.7-93.7 % Motor efficiency at 3/4 load: 93.9-93.9 % Motor efficiency at 1/2 load: 93.5-93.5 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F</p> <p>Others: Net weight: 379 kg Gross weight: 452 kg Shipping volume: 1.14 m³ Thrust handling device: N Approvals: CE, EAC, ACS, WRAS Country of origin: GB Custom tariff no.: 84137075</p>

99141764 CRN 95-5 A-F-A-E-HQQE 50 Hz





Company name:

Created by:

Phone:

Date:

12/03/2019

Description	Value
Efficiency:	IE3 93,7%
Motor efficiency at full load:	93.7-93.7 %
Motor efficiency at 3/4 load:	93.9-93.9 %
Motor efficiency at 1/2 load:	93.5-93.5 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	81U15334
Controls:	
Frequency converter:	NONE
Others:	
Net weight:	379 kg
Gross weight:	452 kg
Shipping volume:	1.14 m ³
Thrust handling device:	N
Approvals:	CE, EAC, ACS, WRAS
Country of origin:	GB
Custom tariff no.:	84137075