

Date: 07/03/2019

Qty. | Description

1 | CRN 1-11 A-P-A-E-HQQE



Product No.: 96533154

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. 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 PJE (Victaulic®) couplings.

The pump is fitted with a 1-phase, fan-cooled asynchronous motor.

Controls:

Frequency converter: NONE

Liquid:

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

Technical:

Pump speed on which pump data are based: 2750 rpm

Rated flow:

Rated head:

Pump orientation:

Shaft seal arrangement:

Code for shaft seal:

Approvals on nameplate:

1.8 m³/h

47.9 m

Vertical

Single

HQQE

CE, EAC

Approvals on nameplate: CE, EAC,ACS Curve tolerance: ISO9906:2012 3B

Materials:

Base: Stainless steel

EN 1.4408 AISI 316

Impeller: Stainless steel

EN 1.4401 AISI 316

Bearing: SIC

Installation:

Maximum ambient temperature: 40 °C Maximum operating pressure: 25 bar

Max pressure at stated temp: 25 bar / 120 °C

25 bar / -20 °C

Type of connection: PJE Size of inlet connection: DN 32

1 1/4 inch

Size of outlet connection: DN 32

1 1/4 inch

Pressure rating for pipe connection: PN 50 Flange size for motor: FT100



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Electrical data:

Motor standard: IEC
Motor type: 80A
Rated power - P2: 0.55 kW
Power (P2) required by pump: 0.55 kW
Mains frequency: 50 Hz

Rated voltage: 1 x 220-230/240 V
Rated current: 4.00/3.65 A
Starting current: 280 %
Cos phi - power factor: 0.99
Rated speed: 2750 rpm
Motor efficiency at full load: 66-64 %

Number of poles: 2

Enclosure class (IEC 34-5): 55 Dust/Jetting

Insulation class (IEC 85): F

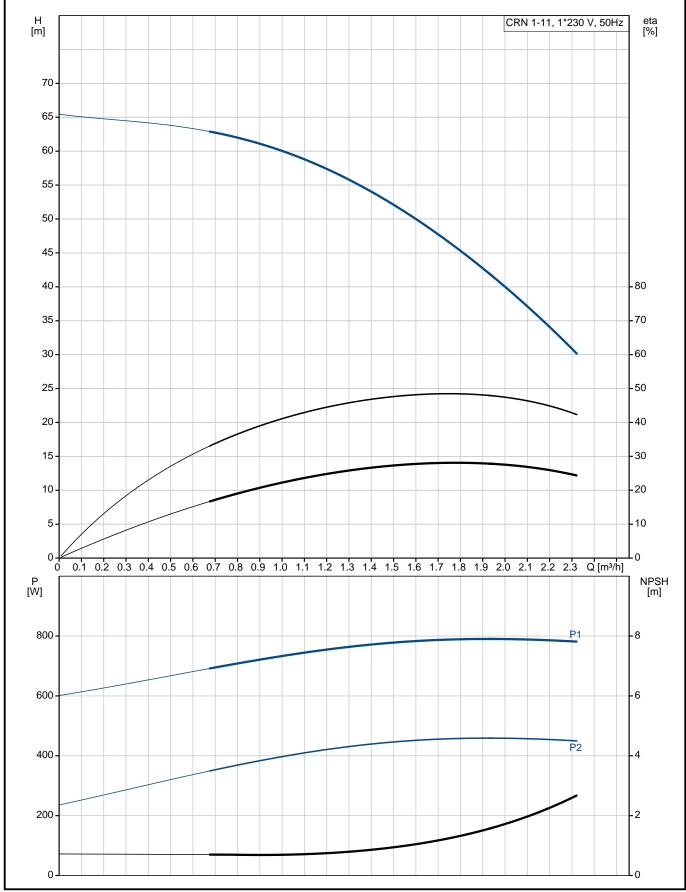
Others

Minimum efficiency index, MEI ≥: 0.70
Net weight: 22.7 kg
Gross weight: 25.6 kg
Shipping volume: 0.074 m³
Country of origin: GB
Custom tariff no.: 84137075



Date: 07/03/2019

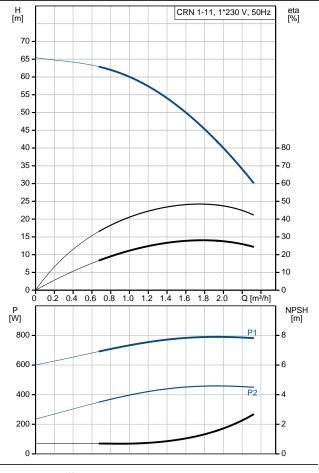
96533154 CRN 1-11 A-P-A-E-HQQE 50 Hz

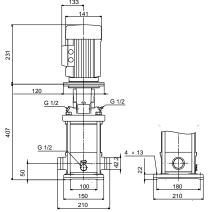


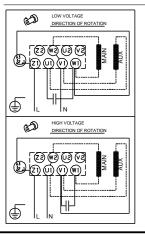


Date: 07/03/2019

General information: CRN 1-11 A-P-A-E-HQQE Product No: 96533154 EAN number: 5700397428412 Price: 1.004,00 GBP Technical: 2750 rpm Pump speed on which pump data are based: 2750 rpm Rated flow: 1.8 m³/h Rated head: 47.9 m Head max: 66.4 m Stages: 11 Impellers: 11 Number of reduced-diameter impellers: 0 Low NPSH: N Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQE Approvals on nameplate: CE, EAC,ACS Curve tolerance: ISO9906:2012 3B Pump version: A Model: A Materials: Stainless steel Base: Stainless steel EN 1.4408 AlSI 316 Impeller: Stainless steel EN 1.4401 AlSI 316 Impeller: Stainless steel EN 1.4401	Description	Value
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Size of outlet connection: DN 32 1 1/4 inch Pressure rating for pipe connection: PN 50 Flange size for motor: FT100 Connect code: P Liquid: Pumped liquid: Liquid temperature range: -20 120 °C Liquid temperature during operation: Density: 998.2 kg/m³ Electrical data: Motor standard: Motor type: 80A Rated power - P2: Power (P2) required by pump: 0.55 kW Mains frequency: Rated voltage: 1 x 220-230/240 V		
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1 1/4 inch Pressure rating for pipe connection: PN 50 Flange size for motor: FT100 Connect code: P Liquid: Pumped liquid: Water Liquid temperature range: -20 120 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 80A Rated power - P2: 0.55 kW Power (P2) required by pump: 0.55 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V	Size of outlet connection:	
Pressure rating for pipe connection: Flange size for motor: Connect code: P Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: Pelectrical data: Motor standard: Motor type: Motor type: Rated power - P2: Power (P2) required by pump: Rated voltage: P	Size of outlet confrection.	
Flange size for motor: Connect code: P Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: Pelectrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Rated voltage: FT100 P P P P P P P P P P P P	Proceure rating for pine connection:	
Connect code: Liquid: Pumped liquid: Uiquid temperature range: Liquid temperature during operation: Density: D		
Liquid: Pumped liquid: Uiquid temperature range: Uiquid temperature during operation: Density: Density		
Pumped liquid: Water Liquid temperature range: -20 120 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 80A Rated power - P2: 0.55 kW Power (P2) required by pump: 0.55 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V		Υ
Liquid temperature range: Liquid temperature during operation: Density: 998.2 kg/m³ Electrical data: Motor standard: Motor type: 80A Rated power - P2: Power (P2) required by pump: Nains frequency: Rated voltage: 1 x 220-230/240 V	-	\\/ata=
Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 80A Rated power - P2: 0.55 kW Power (P2) required by pump: 0.55 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V	·	
Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 80A Rated power - P2: 0.55 kW Power (P2) required by pump: 0.55 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V		
Electrical data: Motor standard: IEC Motor type: 80A Rated power - P2: 0.55 kW Power (P2) required by pump: 0.55 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V		
Motor standard: IEC Motor type: 80A Rated power - P2: 0.55 kW Power (P2) required by pump: 0.55 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V		998.2 kg/m³
Motor type: 80A Rated power - P2: 0.55 kW Power (P2) required by pump: 0.55 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V		IFO
Rated power - P2: 0.55 kW Power (P2) required by pump: 0.55 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V		
Power (P2) required by pump: 0.55 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V	• •	
Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V	·	
Rated voltage: 1 x 220-230/240 V		
	· · · · · · · · · · · · · · · · · · ·	
Rated current: 4.00/3.65 A		
	Rated current:	4.00/3.65 A









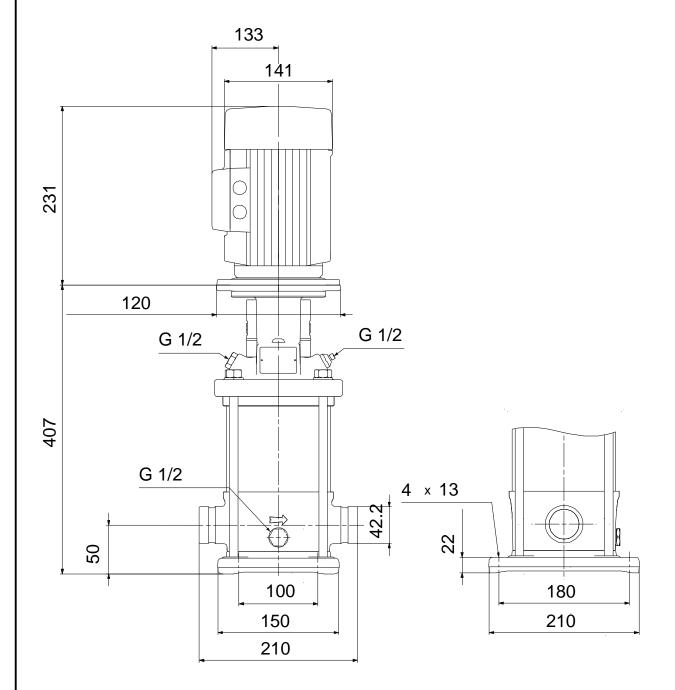
Date: 07/03/2019

Description	Value
Starting current:	280 %
Cos phi - power factor:	0.99
Rated speed:	2750 rpm
Motor efficiency at full load:	66-64 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTO
Motor No:	85215103
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	22.7 kg
Gross weight:	25.6 kg
Shipping volume:	0.074 m³
Sales region:	GB
Country of origin:	GB
Custom tariff no.:	84137075



Date: 07/03/2019

96533154 CRN 1-11 A-P-A-E-HQQE 50 Hz



Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.