

Date: 12/03/2019

Qty. | Description

1 | CRN 10-14 A-P-A-E-HQQE



Product No.: 96501283

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 3-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: 2919 rpm

Rated flow: 10 m³/h
Rated head: 114.4 m
Pump orientation: Vertical
Shaft seal arrangement: Single
Code for shaft seal: HQQE

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: 60 °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 50

2 inch

Size of outlet connection: DN 50

2 inch

Pressure rating for pipe connection: PN 50 Flange size for motor: FF265



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Electrical data:

Motor standard: IEC

Motor type: 132SC
IE Efficiency class: IE3
Rated power - P2: 5.5 kW
Power (P2) required by pump: 5.5 kW
Mains frequency: 50 Hz

Rated voltage: 3 x 380-415D V

Rated current: 11 A

Starting current: 1080-1180 %
Cos phi - power factor: 0.87-0.82
Rated speed: 2920-2940 rpm
Efficiency: IE3 89,2%
Motor efficiency at full load: 89.2 %
Motor efficiency at 3/4 load: 90.0 %
Motor efficiency at 1/2 load: 89.6 %
Number of poles: 2

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

Insulation class (IEC 85): F

Others

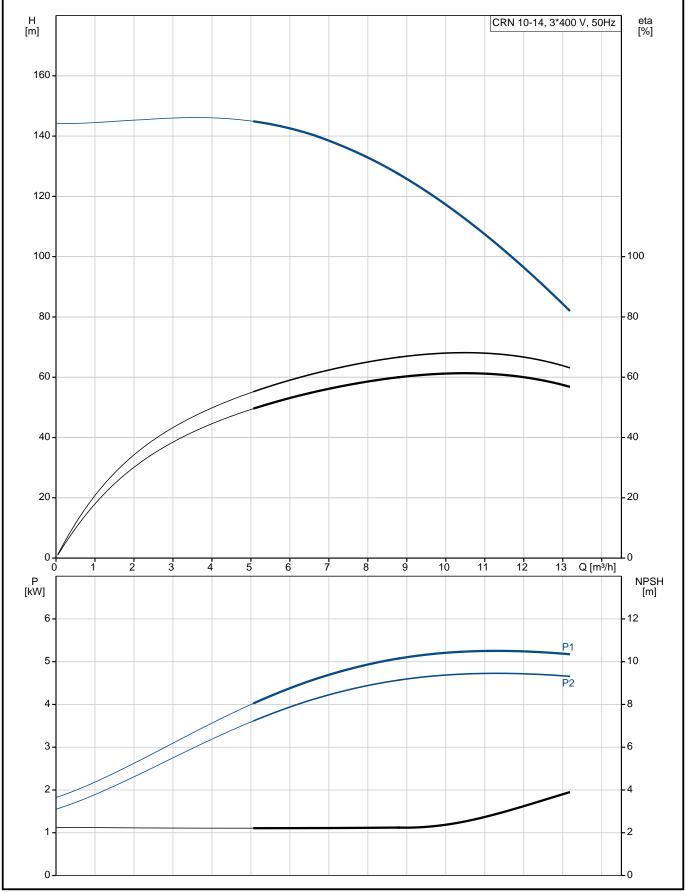
Minimum efficiency index, MEI ≥: 0.70
Net weight: 90 kg
Gross weight: 112 kg
Shipping volume: 0.285 m³
Danish VVS No.: 385913140
Country of origin: GB

Country of origin: GB
Custom tariff no.: 84137075



Date: 12/03/2019

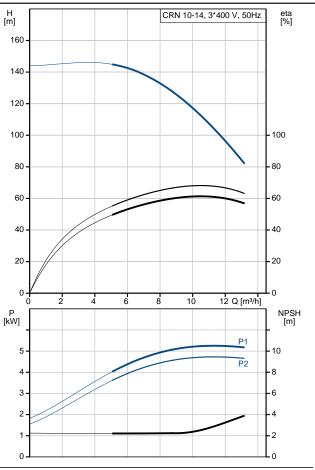
96501283 CRN 10-14 A-P-A-E-HQQE 50 Hz

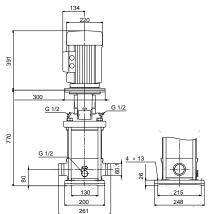


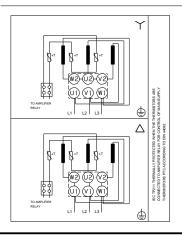


Date: 12/03/2019

General Information:	Description	Value
Product name:	Description General information:	value
Product No: 96501283 EAN number: 5700396219011 Price: 2.852,00 GBP Technical: 2919 rpm Pump speed on which pump data are based: 2919 rpm Rated flow: 10 m³/h Rated head: 114.4 m Head max: 143 m Stages: 14 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 Model: A Materials: Stainless steel Base: Stainless steel EN 1.4408 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Impeller: Stainless steel	General Information.	CBN 10-14
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Price: 2.852,00 GBP Technical: 2919 rpm Pump speed on which pump data are based: 2919 rpm Rated flow: 10 m³/h Rated head: 114.4 m Head max: 143 m Stages: 14 Impellers: 0 Low NPSH: N 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 Maderials: Base: Base: Stainless steel EN 1.4408 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Material code: A Code for rubber: E Bearing: SIC Installation: Maximum ambient temperature: 25 b	Product No:	96501283
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Curve tolerance: ISO9906:2012 3B Pump version: A Model: A Materials: Base: Stainless steel EN 1.4408 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Material code: A Code for rubber: E Bearing: SIC Installation: Maximum ambient temperature: 60 °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 50 2 inch Size of outlet connection: PN 50 Flange size for motor: FF265 Connect code: P Liquid: Pumped liquid: Water Liquid temperature ange: -20 120 °C Liquid temperature range: -20 120 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SC IE Efficiency class: IE3 Rated power - P2: 5.5 kW Mains frequency: 50 Hz	Code for shaft seal:	HQQE
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Type of connection: Size of inlet connection: DN 50 2 inch Size of outlet connection: DN 50 2 inch Pressure rating for pipe connection: PN 50 Flange size for motor: FF265 Connect code: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: Density: Pelectrical data: Motor standard: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Size of inlet connection: DN 50 2 inch PN 50 Value Value PN 50 PO C PO C Density: 998.2 kg/m³ Electrical data: IEC Motor type: 132SC IE 3 Rated power - P2: 5.5 kW Mains frequency: 50 Hz	Max pressure at stated temp:	25 bar / 120 °C
Size of inlet connection: DN 50 2 inch Size of outlet connection: DN 50 2 inch Pressure rating for pipe connection: PN 50 Flange size for motor: FF265 Connect code: P Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: Density: 998.2 kg/m³ Electrical data: Motor standard: Motor type: IEC Motor type: IES Rated power - P2: Power (P2) required by pump: Motor standard: Mains frequency: DN 50 Vater PN 50 PV 2 inch PN 50 PV 2 inch PN 50 PS 2 inch PV 30 Electricat IEC Motor Standard: IEC Standard: Notor type: Standard: Rated power - P2: Standard: Notor Standard: Rated power - P2: Power (P2) required by pump: Standard: Mains frequency: Standard DN 50 Electricat Standard Standard		
2 inch Size of outlet connection: DN 50 2 inch Pressure rating for pipe connection: PN 50 Flange size for motor: FF265 Connect code: P Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: 998.2 kg/m³ Electrical data: Motor standard: Motor type: 132SC IE Efficiency class: Rated power - P2: Power (P2) required by pump: 5.5 kW Mains frequency: 50 PN 50	Type of connection:	PJE
Size of outlet connection: DN 50 2 inch Pressure rating for pipe connection: PN 50 Flange size for motor: FF265 Connect code: P Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: 998.2 kg/m³ Electrical data: Motor standard: Motor type: 132SC IE Efficiency class: Rated power - P2: Power (P2) required by pump: Source 2 inch PN 50 EV	Size of inlet connection:	DN 50
2 inch Pressure rating for pipe connection: PN 50 Flange size for motor: FF265 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: 132SC IE Efficiency class: IE3 Rated power - P2: 5.5 kW Power (P2) required by pump: 5.5 kW Mains frequency: 50 Hz		2 inch
Pressure rating for pipe connection: PN 50 Flange size for motor: FF265 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: 132SC IE Efficiency class: IE3 Rated power - P2: 5.5 kW Power (P2) required by pump: 5.5 kW Mains frequency: 50 Hz	Size of outlet connection:	DN 50
Flange size for motor: Connect code: P Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: 998.2 kg/m³ Electrical data: Motor standard: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: FF265 P Water 120 °C 20 °C 988.2 kg/m³ EleC IEC Motor type: 132SC IE3 Rated power - P2: 5.5 kW Mains frequency: 50 Hz		2 inch
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: 132SC IE Efficiency class: IE3 Rated power - P2: 5.5 kW Power (P2) required by pump: 5.5 kW Mains frequency: 50 Hz	Pressure rating for pipe connection:	PN 50
Liquid: Pumped liquid: Uiquid temperature range: Liquid temperature during operation: Density: Pumped liquid: Uiquid temperature during operation: Density: Pumped liquid: Uiquid temperature during operation: Density: Pumped liquid: Density: Density: Pumped liquid: Density: Densi	Flange size for motor:	FF265
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: 132SC IE Efficiency class: IE3 Rated power - P2: 5.5 kW Power (P2) required by pump: 5.5 kW Mains frequency: 50 Hz	Connect code:	Р
Liquid temperature range: Liquid temperature during operation: Density: 998.2 kg/m³ Electrical data: Motor standard: Motor type: 132SC IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: 120 °C 120 °C 180 °C 198.2 kg/m³ IEC 132SC 182 183 184 5.5 kW 5.5 kW	Liquid:	
Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SC IE Efficiency class: IE3 Rated power - P2: 5.5 kW Power (P2) required by pump: 5.5 kW Mains frequency: 50 Hz		Water
Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SC IE Efficiency class: IE3 Rated power - P2: 5.5 kW Power (P2) required by pump: 5.5 kW Mains frequency: 50 Hz	Liquid temperature range:	-20 120 °C
Electrical data: Motor standard: Motor type: 132SC IE Efficiency class: Rated power - P2: Power (P2) required by pump: 5.5 kW Mains frequency: 50 Hz		20 °C
Motor standard: IEC Motor type: 132SC IE Efficiency class: IE3 Rated power - P2: 5.5 kW Power (P2) required by pump: 5.5 kW Mains frequency: 50 Hz		998.2 kg/m³
Motor type: 132SC IE Efficiency class: IE3 Rated power - P2: 5.5 kW Power (P2) required by pump: 5.5 kW Mains frequency: 50 Hz	Electrical data:	
IE Efficiency class: Rated power - P2: Power (P2) required by pump: 5.5 kW Mains frequency: 50 Hz	Motor standard:	IEC
Rated power - P2: 5.5 kW Power (P2) required by pump: 5.5 kW Mains frequency: 50 Hz		
Power (P2) required by pump: 5.5 kW Mains frequency: 50 Hz	IE Efficiency class:	IE3
Mains frequency: 50 Hz	•	5.5 kW
	Power (P2) required by pump:	5.5 kW
Rated voltage: 3 x 380-415D V		50 Hz
	Rated voltage:	3 x 380-415D V









Date: 12/03/2019

Description	Value
Rated current:	11 A
Starting current:	1080-1180 %
Cos phi - power factor:	0.87-0.82
Rated speed:	2920-2940 rpm
Efficiency:	IE3 89,2%
Motor efficiency at full load:	89.2 %
Motor efficiency at 3/4 load:	90.0 %
Motor efficiency at 1/2 load:	89.6 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	85U17417
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	90 kg
Gross weight:	112 kg
Shipping volume:	0.285 m³
Danish VVS No.:	385913140
Country of origin:	GB
Custom tariff no.:	84137075



Date: 12/03/2019

96501283 CRN 10-14 A-P-A-E-HQQE 50 Hz

