

**Date:** 07/03/2019

### Qty. | Description

### 1 | CRN 5-6 A-P-A-E-HQQE



Product No.: 96533311

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: 2789 rpm

Rated flow: 5.8 m³/h
Rated head: 28.7 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: 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: FT115



**Date:** 07/03/2019

## Qty. | Description

**Electrical data:** 

Motor standard: IEC
Motor type: 90SB
Rated power - P2: 1.1 kW
Power (P2) required by pump: 1.1 kW
Mains frequency: 50 Hz

Rated voltage: 1 x 220-230/240 V
Rated current: 7.40/6.70 A
Starting current: 390 %
Cos phi - power factor: 0.98/0.99
Rated speed: 2770 rpm
Motor efficiency at full load: 73-71 %

Number of poles: 2

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

Insulation class (IEC 85): F

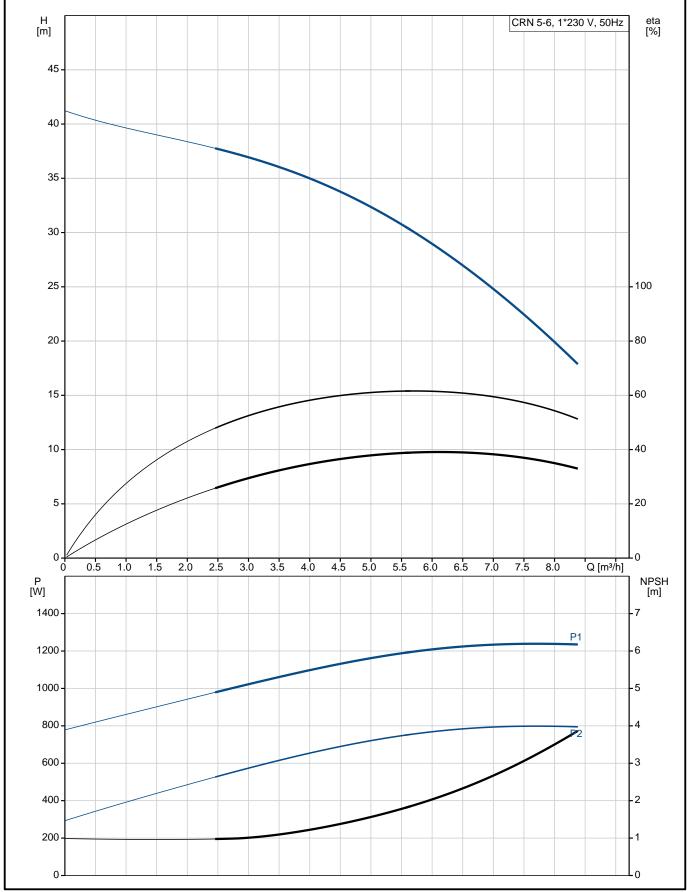
#### Others:

Minimum efficiency index, MEI ≥: 0.57
Net weight: 31.3 kg
Gross weight: 34.2 kg
Shipping volume: 0.074 m³
Country of origin: GB
Custom tariff no.: 84137075



**Date:** 07/03/2019

## 96533311 CRN 5-6 A-P-A-E-HQQE 50 Hz

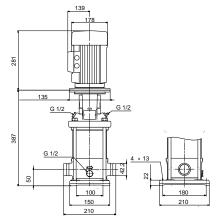


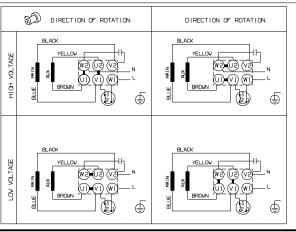


**Date:** 07/03/2019

Product name:	Description	Value
Product No: 96533311  EAN number: 5700397448674  Price: 1.135,00 GBP  Technical:  Pump speed on which pump data are based: 2789 rpm  Rated flow: 5.8 m³/h  Rated head: 28.7 m  Head max: 40.5 m  Stages: 6  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  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: 40 °C  Maximum operating pressure: 25 bar  Max pressure at stated temp: 25 bar / 120 °C  Type of connection: DN 32  1 1/4 inch  Pressure rating for pipe connection: PN 50  Flange size for motor: PIE  Liquid temperature during operation: DN 52  Liquid temperature during operation: DOSB  Rated yower - P2: 1.1 kW  Mains frequency: 50 Hz  Rated voltage: 1 x 220-230/240 V  Rated voltage: 1 x 220-230/240 V	General information:	
EAN number: 5700397446874 Price: 1.135,00 GBP  Technical: 2789 rpm  Rated flow: 5.8 m³/h Rated head: 28.7 m Head max: 40.5 m Stages: 6 Impellers: 6 Number of reduced-diameter impellers: 0 Low NPSH: N Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQE Approvals on nameplate: CE, EAC,ACS 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 Material code: A Material code: E Code for rubber: E Bearing: SIC Installation: VSIC Type of connection: DN 32 Max pressure at stated temp: 25 bar / 120 °C Type of connection: DN 32 I 1/4 inch Size of outlet connection: DN 32 I 1/4 inch Pressure rating for pipe connection: PN 50 Flange size for motor: FT115 Connect code: P Liquid: Pumpel liquid: Liquid temperature range: -20 120 °C Liquid temperature during operation: Des Size of Liquid temperature during operation: Qo °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 90SB Rated voltage: 1 x 220-230/240 V Rated voltage: 1 x 220-230/240 V	Product name:	
Price:         1.135,00 GBP           Technical:         2789 rpm           Pump speed on which pump data are based:         2789 rpm           Rated flow:         5.8 m³/h           Rated head:         28.7 m           Head max:         40.5 m           Stages:         6           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           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:         40 °C           Maximum operating pressure:         25 bar / 120 °C           Type of connection:         DN 32           To inlet conne	Product No:	96533311
Technical:  Pump speed on which pump data are based:  Rated flow: 5.8 m³/h Rated head: 28.7 m Head max: 40.5 m Stages: 6 Impellers: 6 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: Base: Stainless steel EN 1.4408 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Impeller: Dearwise steel EN 1.4401 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Impeller: Dearwise steel EN 1.4401 AISI 316 Installation: A Maximum ambient temperature: 40 °C Maximum operating pressure: 25 bar Max pressure at stated temp: 25 bar / 20 °C Type of connection: DN 32 In 1/4 inch Size of outlet connection: DN 32 In 1/4 inch Pressure rating for pipe connection: DN 32 In 1/4 inch Pressure rating for pipe connection: PN 50 Flange size for motor: FT115 Connect code: P 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: 90SB Rated power - P2: 1.1 kW Power (P2) required by pump: 1.1 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V		
Pump speed on which pump data are based:   Rated flow:	* *****	1.135,00 GBP
based:         27.93 pm           Rated flow:         5.8 m³/h           Rated head:         28.7 m           Head max:         40.5 m           Stages:         6           Impellers:         0           Low NPSH:         N           Pump orientation:         Vertical           Shaft seal arrangement:         Single           Code for shaft seal:         HQCE           Approvals on nameplate:         CE, EAC, ACS           Curve tolerance:         ISO9906:2012 3B           Pump version:         A           Model:         A           Materials:         Stainless steel           EN 1.4408         AISI 316           Impeller:         Stainless steel           EN 1.4408         AISI 316           Material code:         A           Code for rubber:         E           Bearing:         SIC           Installation:         Waximum ambient temperature:         40 °C           Maximum operating pressure:         25 bar           Max pressure at stated temp:         25 bar / 120 °C           Type of connection:         DN 32           Size of inlet connection:         DN 32           Flange size fo		
Rated head:         28.7 m           Head max:         40.5 m           Stages:         6           Impellers:         0           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           EN 1.4408         AISI 316           Impeller:         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:           Maximum operating pressure:         25 bar           Max pressure at stated temp:         25 bar / 120 °C           Type of connection:         PJE           Size of inlet connectio	based:	
Head max:		
Stages:   6   Impellers:   6   Compellers:   6   Compellers:   6   Compellers:   6   Compellers:   Compellers:   N   N   N   N   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   A   Model:   A   Materials:   Stainless steel   EN 1.4408   A   A   SIS 316   Impeller:   Stainless steel   EN 1.4408   A   A   A   SIS 316   Impeller:   Stainless steel   EN 1.4401   A   A   A   A   A   A   A   A   A		
Impellers:		
Number of reduced-diameter impellers:  Low NPSH: N Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: 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 Impeller: EN 1.4401 AISI 316  Material code: Code for rubber: Bearing: Bearing: SIC Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Size of inlet connection: PJE Size of outlet connection: PN 50 Flange size for motor: FT115 Connect code: P- Liquid: Pumped liqui		•
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   EN 1.4408   AISI 316   Impeller: Stainless steel   EN 1.4401   AISI 316   Impeller: Stainless steel   EN 1.4401   AISI 316   Impeller: EB   EN 1.4401   AISI 316   Impeller: EB   EN 1.4401   AISI 316   Impeller: ED   ED   ED   ED   ED   ED   ED   ED	•	
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: Base: Stainless steel EN 1.4408 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Impeller: EEN 1.4401 AISI 316 Material code: A Code for rubber: E Bearing: SIC Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 25 bar Max pressure at stated temp: 25 bar / 20 °C Type of connection: DN 32 A114 inch Size of inlet connection: DN 32 A114 inch Pressure rating for pipe connection: PN 50 Flange size for motor: FT115 Connect code: P Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 90SB Rated power - P2: 1.1 kW Power (P2) required by pump: 1.1 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V		•
Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: 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: Bearing: SIC Installation: Maximum ambient temperature: Max pressure at stated temp: Size of inlet connection: DN 32 1 1/4 inch Size of outlet connection: Pressure rating for pipe connection: Pressure rating for pipe connection: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Description: Description		• •
Code for shaft seal: Approvals on nameplate: CE, EAC,ACS 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 Impeller: Stainless steel EN 1.4401 AISI 316 Material code: Code for rubber: Bearing: SIC Installation: Maximum ambient temperature: Maximum operating pressure: 25 bar Max pressure at stated temp: 25 bar / 120 °C 25 bar / -20 °C Type of 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: FT115 Connect code: Pumped liquid: Water Liquid temperature range: -20 120 °C Liquid temperature during operation: DN 32 Electrical data: Motor standard: IEC Motor type: Rated power - P2: 1.1 kW Power (P2) required by pump: 1.1 kW Mains frequency: Rated voltage: 1 x 220-230/240 V	•	
Approvals on nameplate: CE, EAC,ACS 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: 40 °C Maximum operating pressure: 25 bar Max pressure at stated temp: 25 bar / 120 °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: FT115 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: 90SB Rated power - P2: 1.1 kW Power (P2) required by pump: 1.1 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V		
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: 40 °C Maximum operating pressure: 25 bar Max pressure at stated temp: 25 bar / 120 °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: FT115 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: 90SB Rated power - P2: 1.1 kW Power (P2) required by pump: 1.1 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V		
Pump version:  Model:  Materials:  Base:  Stainless steel  EN 1.4408  AISI 316  Impeller:  Stainless steel  EN 1.4401  AISI 316  Impeller:  Stainless steel  EN 1.4401  AISI 316  Material code:  A Code for rubber:  Bearing:  SIC  Installation:  Maximum ambient temperature:  Maximum operating pressure:  25 bar  Max pressure at stated temp:  25 bar / 120 °C  25 bar / -20 °C  Type of connection:  DN 32  1 1/4 inch  Size of inlet connection:  DN 32  1 1/4 inch  Pressure rating for pipe connection:  PN 50  Flange size for motor:  Connect code:  P  Liquid:  Pumped liquid:  Under temperature range:  Liquid temperature range:  Liquid temperature during operation:  Density:  Bectrical data:  Motor standard:  Motor standard:  Motor standard:  Rated power - P2:  1.1 kW  Power (P2) required by pump:  1.1 kW  Mains frequency:  Rated voltage:  1 x 220-230/240 V	•	
Model:  Materials: Base:  Stainless steel EN 1.4408 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316  Impeller: EN 1.4401 AISI 316  Material code: A Code for rubber: Bearing: SIC Installation: Maximum ambient temperature: Maximum operating pressure: 25 bar Max pressure at stated temp: 25 bar / 120 °C 25 bar / -20 °C  Type of connection: DN 32 Type of connection: DN 32 Size of inlet connection: DN 32 1 1/4 inch Pressure rating for pipe connection: PN 50 Flange size for motor: FT115 Connect code: P Liquid: Pumped liquid: Water Liquid temperature range: -20 120 °C Liquid temperature during operation: Density: 998.2 kg/m³ Electrical data: Motor standard: Motor standard: Motor standard: Rated power - P2: Rated voltage: 1 x 220-230/240 V		
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: 40 °C Maximum operating pressure: 25 bar Max pressure at stated temp: 25 bar / 120 °C 25 bar / -20 °C  Type of connection: DN 32 1 1/4 inch Size of inlet connection: DN 32 1 1/4 inch Size of outlet connection: PN 50 Flange size for motor: FT115 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: 90SB Rated power - P2: 1.1 kW Power (P2) required by pump: 1.1 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V	•	
Base:  Stainless steel  EN 1.4408  AISI 316  Impeller:  Stainless steel  EN 1.4401  AISI 316  Material code:  Code for rubber:  Bearing:  Installation:  Maximum ambient temperature:  Maximum operating pressure:  Max pressure at stated temp:  Size of inlet connection:  Size of outlet connection:  PyE  Size of outlet connection:  PN 50  Flange size for motor:  Connect code:  Pumped liquid:  Liquid temperature range:  Liquid temperature during operation:  Density:  Power (P2) required by pump:  Mains frequency:  Rated voltage:  Size dinlet stainless steel  EN 1.4401  A ISI 316  A C  A C  A C  Canest code:  EN 20 °C  DA 25 bar / 120 °C  Canest code:  P  FT115  Connect code:  P  FT115  Connect code:  P  Liquid temperature during operation:  20 °C  Density:  998.2 kg/m³  Electrical data:  Motor standard:  IEC  Motor type:  90SB  Rated voltage:  1 x 220-230/240 V	***************************************	<u> </u>
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: 40 °C Maximum operating pressure: 25 bar Max pressure at stated temp: 25 bar / 120 °C 25 bar / -20 °C  Type of connection: DN 32 1 1/4 inch Size of inlet connection: DN 32 1 1/4 inch Size of outlet connection: PN 50 Flange size for motor: FT115 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: 90SB Rated power - P2: 1.1 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V		Stainless steel
AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316  Material code: A Code for rubber: E 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: FT115 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: 90SB Rated power - P2: 1.1 kW Power (P2) required by pump: 1.1 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V	Вазе.	
Impeller:  Stainless steel  EN 1.4401  AISI 316  Material code: A Code for rubber: Bearing: SIC  Installation:  Maximum ambient temperature: 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: FT115  Connect code: P  Liquid: Pumped liquid: Uvater  Liquid temperature range: -20 120 °C  Liquid temperature during operation: Do °C  Density: P98.2 kg/m³  Electrical data: Motor standard: Motor standard: Motor type: Power (P2) required by pump: 1.1 kW  Mains frequency: So Hz  Rated voltage: 1 x 220-230/240 V		
EN 1.4401 AISI 316  Material code: Code for rubber: Bearing: Bearing: Installation:  Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Size of connection:  Size of inlet connection:  PyE Size of outlet connection: DN 32  1 1/4 inch  Pressure rating for pipe connection: PN 50 Flange size for motor: FT115 Connect code: Pumped liquid: Water Liquid temperature range: Liquid temperature during operation: Desity: Density: Densit	Impeller:	
Material code: Code for rubber: Bearing: Bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Size of connection: 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: Pressure rating for pipe connection: Pressure rating for pipe connection: Filange size for motor: Connect code: Pumped liquid: Water Liquid temperature range: Liquid temperature during operation: Dn 32 Connect code: Pelectrical data: Motor standard: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Rated voltage:  Na A  A  A  A  A  A  A  A  A  A  A  A  A	ппрепет.	
Material code:  Code for rubber:  Bearing:  Bearing:  Installation:  Maximum ambient temperature:  Maximum operating pressure:  Max pressure at stated temp:  Size of connection:  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:  Fonnect code:  Pumped liquid:  Pumped liquid:  Water  Liquid temperature during operation:  Density:  Blectrical data:  Motor standard:  Motor type:  Rated power - P2:  Paterial A A  A C  A  A  A  BE  Bearing:  SIC  Bor  A  40 °C  A  C  A  C  A  C  A  C  C  A  C  C  A  C  C		
Code for rubber: Bearing: Installation:  Maximum ambient temperature:  Maximum operating pressure:  Max pressure at stated temp:  Size of connection:  Size of inlet connection:  PyE  Size of outlet connection:  DN 32  1 1/4 inch  Size of outlet connection:  Pressure rating for pipe connection:  PN 50  Flange size for motor:  FT115  Connect code:  Pumped liquid:  Water  Liquid temperature range:  Liquid temperature during operation:  Density:  Electrical data:  Motor standard:  Motor type:  Rated power - P2:  Rated voltage:  Rated voltage:  Rated voltage:  SIC  40 °C  Density:  Electrical data:  E  Motor standard:  Motor standard:  Motor standard:  Motor standard:  Nower (P2) required by pump:  Rated voltage:  Note C  SIC  40 °C  25 bar / 120 °C  27 0 °C  28 0 °C  P  Liquid temperature during operation:  Density:  Electrical data:  Motor standard:  Motor standard:  Motor type:  SOB  Rated voltage:  1 x 220-230/240 V	Material code:	
Bearing: Installation:   Maximum ambient temperature:   40 °C   Maximum operating pressure:   25 bar   120 °C   25 bar / -20 °C   20 °		
Installation:  Maximum ambient temperature:  Maximum operating pressure:  25 bar  Max pressure at stated temp:  25 bar / 120 °C  25 bar / -20 °C  Type of 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:  Connect code:  P  Liquid:  Pumped liquid:  Under temperature range:  Liquid temperature during operation:  DN 32  1 1/4 inch  PN 50  Flange size for motor:  Connect code:  P  Liquid:  Pumped liquid:  Under temperature during operation:  Do °C  Density:  998.2 kg/m³  Electrical data:  Motor standard:  Motor standard:  Motor type:  Rated power - P2:  Power (P2) required by pump:  National Maximum ambient temperature:  40 °C  25 bar / 120 °C  PN 50  Electrical temperature during operation:  Do °C  Density:  998.2 kg/m³  Electrical data:  Motor standard:  Motor standard:  Motor type:  90SB  Rated power - P2:  1.1 kW  Mains frequency:  Fated voltage:  1 x 220-230/240 V		
Maximum operating pressure:  Max pressure at stated temp:  25 bar / 120 °C  25 bar / -20 °C  Type of connection:  DN 32  11/4 inch  Size of outlet connection:  DN 32  11/4 inch  Pressure rating for pipe connection:  PN 50  Flange size for motor:  Connect code:  Pumped liquid:  Pumped liquid:  Liquid temperature range:  Liquid temperature during operation:  DN 32  1 1/4 inch  PN 50  FT115  Connect code:  P  Liquid:  Pumped liquid:  Uater  Liquid temperature frange:  Liquid temperature during operation:  Density:  998.2 kg/m³  Electrical data:  Motor standard:  Motor standard:  Motor type:  Rated power - P2:  Power (P2) required by pump:  1.1 kW  Mains frequency:  Rated voltage:  1 x 220-230/240 V		
Maximum operating pressure:  Max pressure at stated temp:  25 bar / 120 °C  25 bar / -20 °C  Type of connection:  DN 32  11/4 inch  Size of outlet connection:  DN 32  11/4 inch  Pressure rating for pipe connection:  PN 50  Flange size for motor:  Connect code:  Pumped liquid:  Pumped liquid:  Liquid temperature range:  Liquid temperature during operation:  DN 32  1 1/4 inch  PN 50  FT115  Connect code:  P  Liquid:  Pumped liquid:  Uater  Liquid temperature frange:  Liquid temperature during operation:  Density:  998.2 kg/m³  Electrical data:  Motor standard:  Motor standard:  Motor type:  Rated power - P2:  Power (P2) required by pump:  1.1 kW  Mains frequency:  Rated voltage:  1 x 220-230/240 V	Maximum ambient temperature:	40 °C
Max pressure at stated temp:  25 bar / 120 °C  25 bar / -20 °C  Type of connection:  Size of inlet connection:  DN 32  1 1/4 inch  Size of outlet connection:  Pressure rating for pipe connection:  PN 50  Flange size for motor:  Connect code:  P  Liquid:  Pumped liquid:  Uiquid temperature range:  Liquid temperature during operation:  DN 32  1 1/4 inch  PN 50  FT115  Connect code:  P  Liquid:  Pumped liquid:  Uiquid temperature range:  Liquid temperature during operation:  Density:  998.2 kg/m³  Electrical data:  Motor standard:  Motor standard:  Motor type:  Rated power - P2:  Power (P2) required by pump:  1.1 kW  Mains frequency:  Rated voltage:  1 x 220-230/240 V		25 bar
Type of connection:  Type of connection:  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:  FT115  Connect code:  P  Liquid:  Pumped liquid:  Under tiquid temperature range:  Liquid temperature during operation:  Density:  Density:  Pectrical data:  Motor standard:  Motor type:  Rated power - P2:  Power (P2) required by pump:  Rated voltage:  PJE  DN 32  1 1/4 inch  PN 50  FT115  Connect code:  P  Liquid:  Power (P2) required by pump:  Power (P2) required by pump:  Power (P2) required by pump:  Pumped liquid:  EC  Motor type:  Power (P2) required by pump:  Pumped liquid:  Power (P2) required by pump:  Pumped liquid:  Pumpe		25 bar / 120 °C
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:  Connect code:  P  Liquid:  Pumped liquid:  Liquid temperature range:  Liquid temperature during operation:  DN 32  1 1/4 inch  PN 50  FT115  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:  Motor standard:  Motor type:  90SB  Rated power - P2:  1.1 kW  Power (P2) required by pump:  1.1 kW  Mains frequency:  Rated voltage:  1 x 220-230/240 V		25 bar / -20 °C
Size of outlet connection:  DN 32  1 1/4 inch  Pressure rating for pipe connection:  PN 50  Flange size for motor:  Connect code:  Pumped liquid:  Pumped liquid:  Liquid temperature range:  Liquid temperature during operation:  Density:  998.2 kg/m³  Electrical data:  Motor standard:  Motor type:  Rated power - P2:  Power (P2) required by pump:  No 32  1 1/4 inch  No 32  1 1/4 inch  No 50  PN 50  FT115  Connect code:  P  Water  Liquid:  Water  Liquid temperature during operation:  20 °C  Density:  998.2 kg/m³  Electrical data:  Motor standard:  IEC  Motor type:  90SB  Rated power - P2:  1.1 kW  Mains frequency:  Fo Hz  Rated voltage:  No 1 1/4 inch  No 32  1 1/4 inch  No 1  1 1/4 inch  PN 50  1 1/4 inch  No 1  1 1/4 inch  No 1  1 1/4 inch  PN 50  1 1/4 inch  No 1  1 1/4 inch	Type of connection:	PJE
Size of outlet connection:  DN 32  1 1/4 inch  Pressure rating for pipe connection:  PN 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:  Rated power - P2:  Power (P2) required by pump:  Rated voltage:  DN 32  1 1/4 inch  PN 50  1 20  0 0  ET115  Connect code:  P  Water  Liquid:  Water  Liquid temperature during operation:  20 °C  Density:  998.2 kg/m³  EleC  1.1 kW  Moior standard:  Notor type:  90SB  Rated power - P2:  1.1 kW  Mains frequency:  Fo Hz  Rated voltage:  1 x 220-230/240 V	Size of inlet connection:	DN 32
1 1/4 inch  Pressure rating for pipe connection: PN 50  Flange size for motor: FT115  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: 90SB  Rated power - P2: 1.1 kW  Power (P2) required by pump: 1.1 kW  Mains frequency: 50 Hz  Rated voltage: 1 x 220-230/240 V		1 1/4 inch
Pressure rating for pipe connection:  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:  Rated power - P2:  Power (P2) required by pump:  Rated voltage:  PN 50  PV 50  ET115  EV 30  FT115  POWER (P2) required by pump:  1.1 kW  Mains frequency:  Rated voltage:  PN 50  Power (P2) required by pump:  1 x 220-230/240 V	Size of outlet connection:	DN 32
Flange size for motor:  Connect code:  P  Liquid:  Pumped liquid:  Liquid temperature range:  Liquid temperature during operation:  Density:  Pumped liquid:  Liquid temperature during operation:  Density:  Power (P2) required by pump:  Rated voltage:  FT115  P  Water  Liquid temperature during operation:  20 °C  Density:  998.2 kg/m³  EIEC  Motor standard:  IEC  Motor type:  90SB  Rated power - P2:  1.1 kW  Mains frequency:  50 Hz  Rated voltage:  1 x 220-230/240 V		1 1/4 inch
Connect code:  Liquid: Pumped liquid: Uiquid temperature range: Liquid temperature during operation: Density: D	Pressure rating for pipe connection:	PN 50
Liquid:Pumped liquid:WaterLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:IECMotor standard:IECMotor type:90SBRated power - P2:1.1 kWPower (P2) required by pump:1.1 kWMains frequency:50 HzRated voltage:1 x 220-230/240 V	Flange size for motor:	FT115
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: 90SB Rated power - P2: 1.1 kW Power (P2) required by pump: 1.1 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V	Connect code:	Р
Liquid temperature range:  Liquid temperature during operation:  Density:  998.2 kg/m³  Electrical data:  Motor standard:  Motor type:  90SB  Rated power - P2:  Power (P2) required by pump:  Name of the power of t	Liquid:	
Liquid temperature during operation: 20 °C  Density: 998.2 kg/m³  Electrical data:  Motor standard: IEC  Motor type: 90SB  Rated power - P2: 1.1 kW  Power (P2) required by pump: 1.1 kW  Mains frequency: 50 Hz  Rated voltage: 1 x 220-230/240 V	Pumped liquid:	Water
Density:         998.2 kg/m³           Electrical data:         IEC           Motor standard:         IEC           Motor type:         90SB           Rated power - P2:         1.1 kW           Power (P2) required by pump:         1.1 kW           Mains frequency:         50 Hz           Rated voltage:         1 x 220-230/240 V	Liquid temperature range:	-20 120 °C
Electrical data:           Motor standard:         IEC           Motor type:         90SB           Rated power - P2:         1.1 kW           Power (P2) required by pump:         1.1 kW           Mains frequency:         50 Hz           Rated voltage:         1 x 220-230/240 V		20 °C
Motor standard:         IEC           Motor type:         90SB           Rated power - P2:         1.1 kW           Power (P2) required by pump:         1.1 kW           Mains frequency:         50 Hz           Rated voltage:         1 x 220-230/240 V		998.2 kg/m³
Motor type:       90SB         Rated power - P2:       1.1 kW         Power (P2) required by pump:       1.1 kW         Mains frequency:       50 Hz         Rated voltage:       1 x 220-230/240 V	Electrical data:	
Rated power - P2: 1.1 kW Power (P2) required by pump: 1.1 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V	Motor standard:	IEC
Power (P2) required by pump: 1.1 kW  Mains frequency: 50 Hz  Rated voltage: 1 x 220-230/240 V	Motor type:	90SB
Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V	Rated power - P2:	1.1 kW
Rated voltage: 1 x 220-230/240 V	Power (P2) required by pump:	1.1 kW
	Mains frequency:	50 Hz
Rated current: 7.40/6.70 A	Rated voltage:	1 x 220-230/240 V
	Rated current:	7.40/6.70 A

H [m]	CRN 5-6, 1*230 V, 50Hz	eta [%]
45 -		
40 -		
35		
30 -		
25 -		- 100
20 -		- 80
15		- 60
10-		<b>-</b> 40
5		- 20
0 1 2 3 4 5	6 7 Q [m³/h]	- 0
P [W]		NPSH [m]
1200 -	<u>P</u> 1	<b>-</b> 6
1000		<b>-</b> 5
800 -	<b>F</b> 2	<b>-</b> 4
600-		- 3
400		- 2
200		-1
0		- 0







**Date:** 07/03/2019

Description	Value
Starting current:	390 %
Cos phi - power factor:	0.98/0.99
Rated speed:	2770 rpm
Motor efficiency at full load:	73-71 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTO
Motor No:	85215705
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.57
Net weight:	31.3 kg
Gross weight:	34.2 kg
Shipping volume:	0.074 m³
Sales region:	GB
Country of origin:	GB
Custom tariff no.:	84137075



**Date:** 07/03/2019

# 96533311 CRN 5-6 A-P-A-E-HQQE 50 Hz

