

VARIANTS SPECIFICATIONS CURVES SPARE PARTS DRAWINGS DOCUMENTATION

... services Z CRNE,... HQQE



CRE 32-3-2 AN-G-A-E-HQQE

Product number 96432922

[Read description](#)




This item is no longer in production! Use our tool to find the right replacement pump.

FIND REPLACEMENT

Specifications

| |
|-------------|
| |
| 0 |
| |
| CPU 60Hz |

Can't find the variants that fits your need?
Try our configure tool to find the variant to fit your specifications.

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CONFIGURE

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| | |
|-------------|-------------|
| PRODUCT NO. | 96432922 |
| EAN | 00393435773 |
| Price | |

Technical

| | |
|--------------------------------------|-----------------|
| Rated pump speed | 3470 rpm |
| Rated flow | 159 US gpm |
| Maximum head | 241.5 ft |
| Stages | 3 |
| Impellers | 3 |
| Number of reduced-diameter impellers | 2 |
| Low NPSH | N |
| Pump orientation | Vertical |
| Shaft seal arrangement | Single |
| Code for shaft seal | HQQE |
| Approvals | CURUS |
| Approvals for drinking water | NSF61 |
| Curve tolerance | ISO9906:2012 3B |
| Pump version | AN |
| Model | B |

Materials

| | |
|-----------------|----------------------|
| Base | Cast iron |
| | EN 1563 EN-GJS-500-7 |
| | ASTM A536 80-55-06 |
| Impeller | Stainless steel |
| | EN 1.4301 |
| | AISI 304 |
| Material code | A |
| Code for rubber | E |
| Bearing | |
| Support bearing | |

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| | |
|------------------------------------|------------------|
| maximum operating pressure | 232.00 psi |
| Max pressure at stated temperature | 2 psi / 250 °F |
| | 232 psi / -22 °F |
| Type of connection | ANSI |
| Size of suction port | 2 1/2 inch |
| Size of outlet port | 2 1/2 inch |
| Pressure rating for connection | PN 16 |
| Flange rating inlet | 150 lb |
| Flange size for motor | 213TC |
| Connect code | G |

Liquid

| | |
|-----------------------------|---------------|
| Pumped liquid | Water |
| Liquid temperature range | -22 .. 248 °F |
| Selected liquid temperature | 68 °F |
| Density | 62.29 lb/ft³ |

Electrical data

| | |
|-------------------------------|-------------------------|
| Motor standard | NEMA |
| Motor type | 132FA |
| IE Efficiency class | NEMA Premium / IE3 60Hz |
| Rated power - P2 | 10 HP |
| Power (P2) required by pump | 10 HP |
| Main frequency | 60 Hz |
| Rated voltage | 3 x 460-480 V |
| Service factor | 1.15 |
| Rated current | 11.6 A |
| Cos phi - power factor | 0.93 |
| Rated speed | 480-3500 rpm |
| IE efficiency | IE3 90.7% |
| Motor efficiency at full load | |
| Number of poles | 2 |



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Motor Number [85901339](#)

Controls

| | |
|---------------------|----------|
| Frequency converter | Built-in |
| Pressure sensor | Y |

Others


| | |
|-----------------|----------|
| Net weight | 258 lb |
| Gross weight | 276 lb |
| Shipping volume | 10.9 ft³ |
| Config. file no | 97913007 |

Quotation

CRE 32-3-2 AN-G-A-E-HQQE

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts are in 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 ANSI flanges. The pump is fitted with a 3-phase, fan-cooled asynchronous motor. The motor includes a frequency converter and PI controller in the motor terminal box. This enables continuously variable control of the motor speed, which again enables adaptation of the performance to a given requirement. An operating panel on the motor terminal box enables setting of required setpoint as well as setting of pump to "Min." or "Max." operation or to "Stop". The operating panel has indicator lights for "Operation" and "Fault". Communication with the pump is possible by means of Grundfos GO Remote (accessory). The remote control enables further settings as well as reading out of a number of parameters such as "Actual value", "Speed", "Power input" and total "Power consumption". The terminal box holds terminals for these connections:

- pump start/stop input (potential-free contact)
- remote setpoint setting via
- 10 V voltage supply for setp



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- three digital inputs
- one potential-free fault signal relay with changeover contact, reporting "Fault", "Operation" or "Ready"
- RS-485 GENibus connection.
- interface for Grundfos CIM fieldbus module.

LIQUID:

Liquid temperature range: -22 .. 248 °F

Selected liquid temperature: 68 °F

TECHNICAL:

MATERIALS:

INSTALLATION:

t max amb: 104 °F

Maximum operating pressure: 232.06 psi

Max pressure at stated temperature: 232 psi / 250 °F

232 psi / -22 °F

ELECTRICAL DATA:

Power (P2) required by pump: 10 HP

CONTROLS:

Frequency converter:

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| CPU 60Hz |

