··· 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

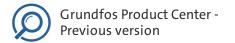
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Specifications

60Hz

Can\'t find the variants that fits your need?

Try our configure tool to find the variant to fit your specifications.



CONFIGURE

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

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

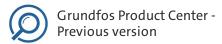
AISI 304

Material code A

Code for rubber

Bearing

Support bearing



GIGIO

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waximum 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 21/2 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

Motor efficiency at full load Grundfos Product Cente

Previous version

Number of poles



0

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

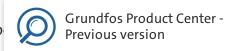
Config. file no 97913007

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 a given requirement. An operating panel on the motor terminal box enables setting of required setpoi 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 GC 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 termin 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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GPU 60Hz

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

LIQUID:

Liquid temperature -22 .. 248 °F

range:

Selected liquid 68 °F

temperature:

TECHNICAL:

MATERIALS:

INSTALLATION:

t max amb: 104 °F

Maximum operating 232.06 psi

pressure:

Max pressure at stated 232 psi / 250 °F

temperature:

232 psi / -22 °F

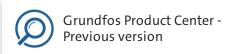
ELECTRICAL DATA:

Power (P2) required by 10 HP

pump:

CONTROLS:

Frequency converter:



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GPU

Grundfos Pumps Corporation, 902 Koomey Road, Brookshire, TX 77423

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GPU 50Hz