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GRUNDFOS CR 3-21 VERTICAL CENTRIFUGAL PUMP 3 PHASE WITH EPDM

96083230 Wetted Parts: Cast Iron, 304SS, EPDM Seal | 3 Phase | 5 hp | 3600 rpm | 1.25" ANSI Flanged 250lb | BEP 14 GPM @ 545 FTH

SKU: 99916354
Stock: Out of stock contact us for lead time
Categories: Grundfos CR Pumps

Model Number CR3-21 A-FGJ-A-E-HQQE
Part Number 99916354

PRODUCT DESCRIPTION

CR 3 pumps Vertical, multistage centrifugal pump with suction and discharge ports on the same level. The pump head and base are in cast iron. All other wetted parts are in stainless steel (EN 1.4301)(AISI 304)

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Estimated delivery is 2 to 4 weeks

Grundfos pump is fitted with a balanced O-ring seal unit with a rigid torque-transmission system. This seal type is assembled in a cartridge unit which makes replacement safe and easy. Due to the balancing, this seal type is suitable for high-pressure applications. The cartridge construction also protects the pump shaft from possible wear from a dynamic O-ring between pump shaft and shaft seal.
Primary seal:
• Rotating seal ring material: silicon carbide (SiC)
• Stationary seat material: silicon carbide (SiC)

This material pairing is used where higher corrosion resistance is required. The high hardness of this material pairing offers good resistance against abrasive particles. Secondary seal material: EPDM (ethylene-propylene rubber) EPDM has excellent resistance to hot water. EPDM is not suitable for mineral oils.

The shaft seal is screwed into the pump head. The chambers and impellers are made of stainless-steel sheet. The chambers are provided with a PTFE neck ring offering improved sealing and high efficiency. The impellers have smooth surfaces, and the shape of the blades ensure a high efficiency.

The base is made of cast iron. The flanges and base are cast in one piece. The outlet side of the base has a combined drain plug and bypass valve. The pump is secured to the foundation by four bolts through the base plate.

The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards.
The motor is flange-mounted with tapped-hole flange (FT). Motor-mounting designation in accordance with IEC 60034-7: IM B 14 (Code I) / IM 3601 (Code II). Electrical tolerances comply with IEC 60034.

Specs & Curve

CR DATA BOOK

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ADDITIONAL INFORMATION

Weight	125 lbs
Dimensions	42 × 16 × 16 in
Best Efficiency Point	14 GPM @ 545 FTH
Connections	1.25" Flange
Hertz	60
Horse Power	5
Motor Type	TEFC
Phase	3
RPM	3600
Voltage	208-230-460
Wetted Material	CAST IRON-304SS-EPDM