

**Qty. | Description**

1 **CR 5-3 A-FGJ-A-E-HQQE**



Product No.: [99916713](#)

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 combined DIN-ANSI-JIS flanges.

The pump is fitted with a 1-phase, fan-cooled asynchronous motor.

**Liquid:**

Pumped liquid: Water  
 Liquid temperature range: -4 .. 248 °F  
 Selected liquid temperature: 68 °F  
 Density: 62.29 lb/ft³

**Technical:**

Pump speed on which pump data are based: 3450 rpm  
 Rated flow: 30.4 US GPM  
 Rated head: 65.29 ft  
 Pump orientation: Vertical  
 Shaft seal arrangement: Single  
 Code for shaft seal: HQQE  
 Approvals: CURUS  
 Approvals for drinking water: NSF/ANSI 61  
 Curve tolerance: ISO9906:2012 3B

**Materials:**

Base: Cast iron  
 EN 1561 EN-GJL-200  
 ASTM A48-25B  
 Impeller: Stainless steel  
 EN 1.4301  
 AISI 304  
 Bearing: SIC

**Installation:**

Max. ambient temperature: 104 °F  
 Maximum operating pressure: 362.59 psi  
 Max pressure at stated temp: 363 psi / 250 °F  
 363 psi / -4 °F

Type of connection: DIN / ANSI / JIS  
 Size of inlet connection: DN 25/32  
 Size of outlet connection: DN 25/32  
 Pressure rating for connection: PN 25  
 Flange rating inlet: 250 lb  
 Flange size for motor: 56C

**Electrical data:**

Motor standard: NEMA  
 Motor type: WEG  
 Rated power - P2: 1 HP  
 Power (P2) required by pump: 1 HP  
 Mains frequency: 60 Hz  
 Rated voltage: 1 x 115/208-230 V  
 Service factor: 1.15  
 Rated current: 10,1/5,64-5,06 A  
 Starting current: 840-840 %  
 Cos phi - power factor: 0.92



Company name:

Created by:

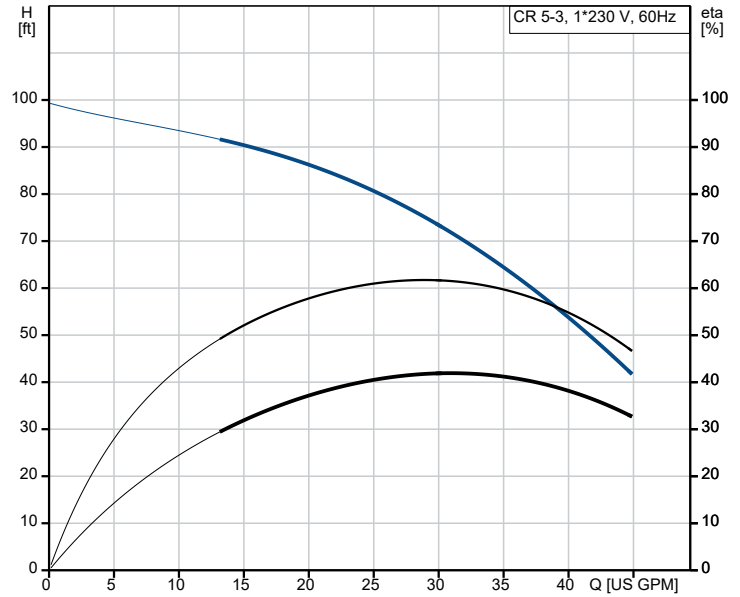
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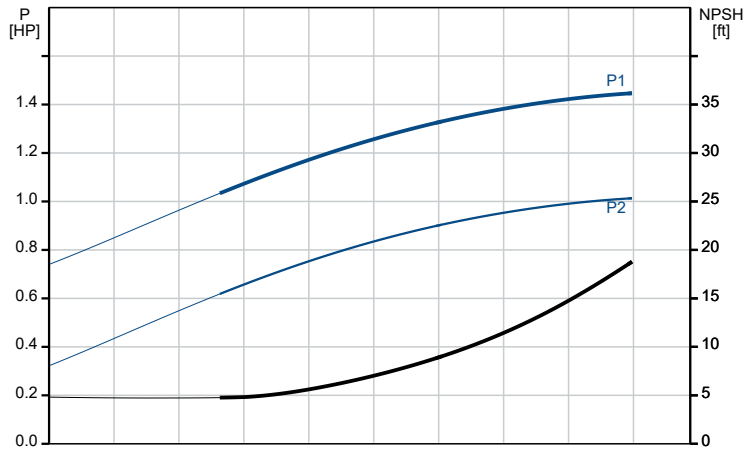
22/12/2022

Qty.	Description																																		
1	<table><tr><td>Rated speed:</td><td>3500 rpm</td></tr><tr><td>Efficiency:</td><td>70.0%</td></tr><tr><td>Motor efficiency at full load:</td><td>70.0 %</td></tr><tr><td>Motor efficiency at 3/4 load:</td><td>64.0 %</td></tr><tr><td>Motor efficiency at 1/2 load:</td><td>55.0 %</td></tr><tr><td>Number of poles:</td><td>2</td></tr><tr><td>Enclosure class (IEC 34-5):</td><td>IP55</td></tr><tr><td>Insulation class (IEC 85):</td><td>F</td></tr><tr><td>Motor No:</td><td>99883318</td></tr><tr><td colspan="2">Controls:</td></tr><tr><td>Frequency converter:</td><td>NONE</td></tr><tr><td colspan="2">Others:</td></tr><tr><td>Net weight:</td><td>78.3 lb</td></tr><tr><td>Gross weight:</td><td>89.3 lb</td></tr><tr><td>Shipping volume:</td><td>6.11 ft<sup>3</sup></td></tr><tr><td>Country of origin:</td><td>US</td></tr><tr><td>Custom tariff no.:</td><td>8413.70.2040</td></tr></table>	Rated speed:	3500 rpm	Efficiency:	70.0%	Motor efficiency at full load:	70.0 %	Motor efficiency at 3/4 load:	64.0 %	Motor efficiency at 1/2 load:	55.0 %	Number of poles:	2	Enclosure class (IEC 34-5):	IP55	Insulation class (IEC 85):	F	Motor No:	99883318	Controls:		Frequency converter:	NONE	Others:		Net weight:	78.3 lb	Gross weight:	89.3 lb	Shipping volume:	6.11 ft <sup>3</sup>	Country of origin:	US	Custom tariff no.:	8413.70.2040
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Description	Value
<b>General information:</b>	
Product name:	CR 5-3 A-FGJ-A-E-HQQE
Product No:	99916713
EAN number:	5715114114820
<b>Technical:</b>	
Pump speed on which pump data are based:	3450 rpm
Rated flow:	30.4 US GPM
Rated head:	65.29 ft
Maximum head:	96.13 ft
Stages:	3
Impellers:	3
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals:	CURUS
Approvals for drinking water:	NSF/ANSI 61
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Cooling:	IC 411
<b>Materials:</b>	
Base:	Cast iron
Base:	EN 1561 EN-GJL-200
Base:	ASTM A48-25B
Impeller:	Stainless steel
Impeller:	EN 1.4301
Impeller:	AISI 304
Material code:	A
Code for rubber:	E
Bearing:	SIC
<b>Installation:</b>	
Max. ambient temperature:	104 °F
Maximum operating pressure:	362.59 psi
Max pressure at stated temp:	363 psi / 250 °F
Max pressure at stated temp:	363 psi / -4 °F
Type of connection:	DIN / ANSI / JIS
Size of inlet connection:	DN 25/32
Size of outlet connection:	DN 25/32
Pressure rating for connection:	PN 25
Flange rating inlet:	250 lb
Flange size for motor:	56C
Connect code:	FGJ
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-4 .. 248 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
<b>Electrical data:</b>	
Motor standard:	NEMA
Motor type:	WEG
Rated power - P2:	1 HP
Power (P2) required by pump:	1 HP
Mains frequency:	60 Hz
Rated voltage:	1 x 115/208-230 V
Service factor:	1.15
Rated current:	10,1/5,64-5,06 A
Starting current:	840-840 %
Full load SF current:	11.6/5.06 A
Cos phi - power factor:	0.92
Rated speed:	3500 rpm
Efficiency:	70.0%
Motor efficiency at full load:	70.0 %
Motor efficiency at 3/4 load:	64.0 %



Pumped liquid = Water  
 Liquid temperature during operation = 68 °F  
 Density = 62.29 lb/ft³





**Company name:**

**Created by:**

**Phone:**

**Date:**

22/12/2022

Description	Value
Motor efficiency at 1/2 load:	55.0 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTO
Motor No:	99883318
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Net weight:	78.3 lb
Gross weight:	89.3 lb
Shipping volume:	6.11 ft <sup>3</sup>
Country of origin:	US
Custom tariff no.:	8413.70.2040