

PROJECT: _____	UNIT TAG: _____	QUANTITY: _____
REPRESENTATIVE: _____	TYPE OF SERVICE: _____	DATE: _____
ENGINEER: _____	SUBMITTED BY: _____	DATE: _____
CONTRACTOR: _____	APPROVED BY: _____	DATE: _____
	ORDER NO.: _____	DATE: _____

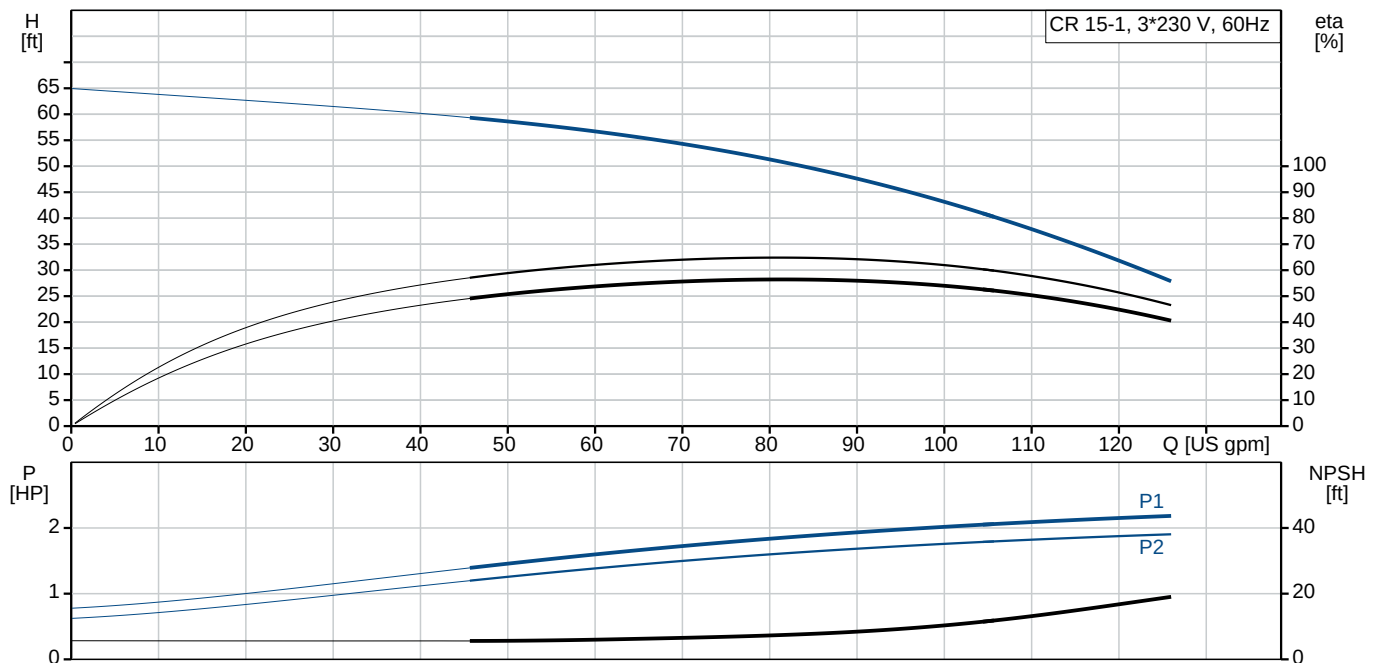


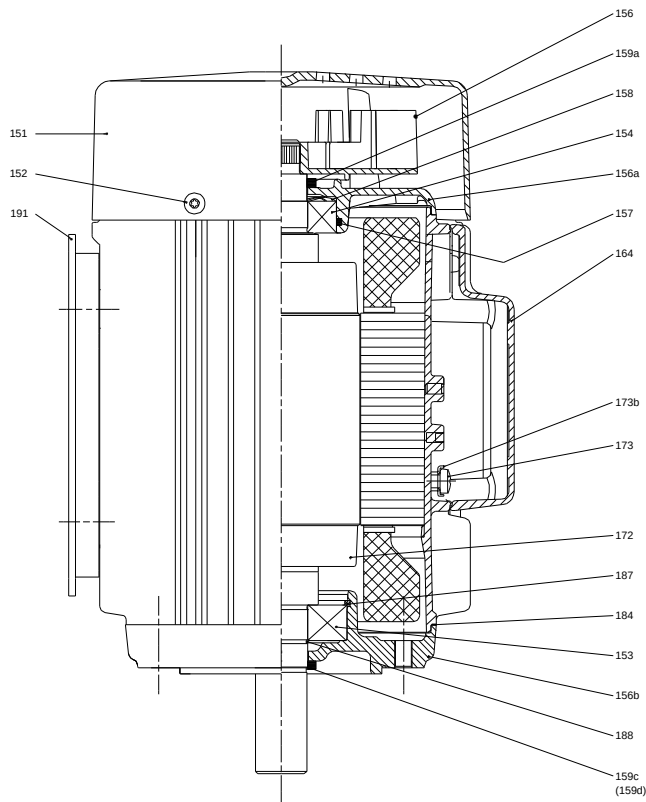
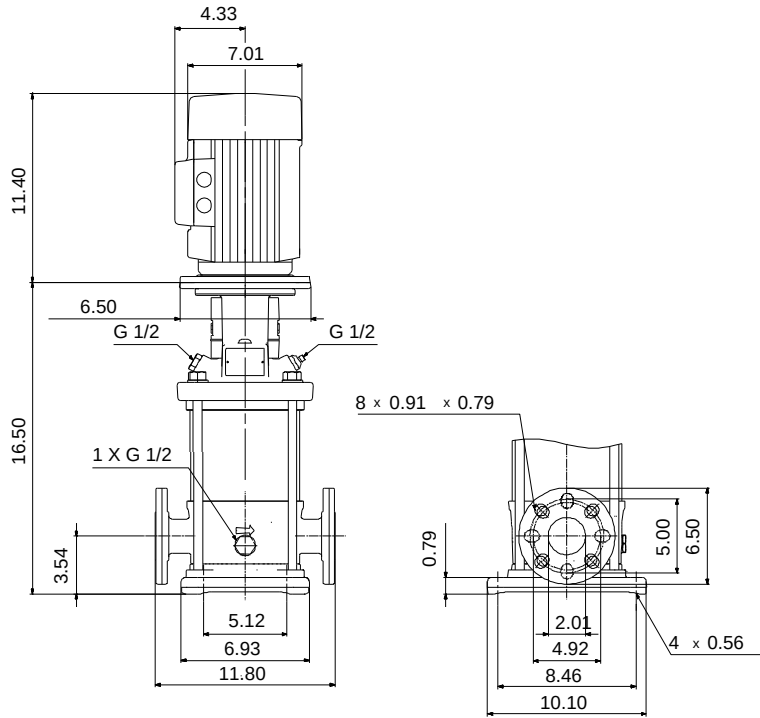
Product photo could vary from the actual product

CR 15-1 A-GJ-A-V-HQQV

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)

Conditions of Service	Pump Data	Motor Data
Flow: _____	Max pressure at stated temperature: 232 psi / 194 °F	Rated power - P2: 2 HP
Head: _____	Liquid temperature range: -4 .. 194 °F	Rated voltage: 208-230YY/460Y V
Efficiency: _____	Maximum ambient temperature: 140 °F	Main frequency: 60 Hz
Liquid: Water	Approvals: CURUS	Enclosure class: 55 Dust/Jetting
Temperature: 68 °F	Shaft seal: HQQV	Insulation class: F
NPSH required: ft	Product number: 96523628	Motor protection: NONE
Viscosity: _____		Motor type: 90GB
Specific Gravity: 1.000		Motor_efficiency: 85.5 %





Materials:

Base:

Cast iron
EN 1561 EN-GJL-200
ASTM A48-25B

Impeller:

Stainless steel
AISI 304
EN 1.4301

Material code:

A

Code for rubber:

V

Count	Description																																												
1	CR 15-1 A-GJ-A-V-HQQV  Product No.: 96523628 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 ANSI-JIS flanges. The pump is fitted with a 3-phase, fan-cooled asynchronous motor. Liquid: <table> <tr> <td>Pumped liquid:</td><td>Water</td></tr> <tr> <td>Liquid temperature range:</td><td>-4 .. 194 °F</td></tr> <tr> <td>Selected liquid temperature:</td><td>68 °F</td></tr> <tr> <td>Density:</td><td>62.29 lb/ft³</td></tr> </table> Technical: <table> <tr> <td>Rated pump speed:</td><td>3452 rpm</td></tr> <tr> <td>Rated flow:</td><td>79.3 US gpm</td></tr> <tr> <td>Rated head:</td><td>50.53 ft</td></tr> <tr> <td>Actual impeller diameter:</td><td>4.13 in</td></tr> <tr> <td>Pump orientation:</td><td>Vertical</td></tr> <tr> <td>Shaft seal arrangement:</td><td>Single</td></tr> <tr> <td>Code for shaft seal:</td><td>HQQV</td></tr> <tr> <td>Approvals on nameplate:</td><td>CURUS</td></tr> <tr> <td>Curve tolerance:</td><td>ISO9906:2012 3B</td></tr> </table> Materials: <table> <tr> <td>Base:</td><td>Cast iron EN 1561 EN-GJL-200 ASTM A48-25B</td></tr> <tr> <td>Impeller:</td><td>Stainless steel EN 1.4301 AISI 304</td></tr> <tr> <td>Bearing:</td><td>SIC</td></tr> </table> Installation: <table> <tr> <td>Maximum ambient temperature:</td><td>140 °F</td></tr> <tr> <td>Maximum operating pressure:</td><td>232.06 psi</td></tr> <tr> <td>Max pressure at stated temperature:</td><td>232 psi / 194 °F 232 psi / -4 °F</td></tr> <tr> <td>Type of connection:</td><td>ANSI / JIS</td></tr> <tr> <td>Size of inlet connection:</td><td>DN 50</td></tr> <tr> <td>Size of outlet connection:</td><td>DN 50</td></tr> </table>	Pumped liquid:	Water	Liquid temperature range:	-4 .. 194 °F	Selected liquid temperature:	68 °F	Density:	62.29 lb/ft³	Rated pump speed:	3452 rpm	Rated flow:	79.3 US gpm	Rated head:	50.53 ft	Actual impeller diameter:	4.13 in	Pump orientation:	Vertical	Shaft seal arrangement:	Single	Code for shaft seal:	HQQV	Approvals on nameplate:	CURUS	Curve tolerance:	ISO9906:2012 3B	Base:	Cast iron EN 1561 EN-GJL-200 ASTM A48-25B	Impeller:	Stainless steel EN 1.4301 AISI 304	Bearing:	SIC	Maximum ambient temperature:	140 °F	Maximum operating pressure:	232.06 psi	Max pressure at stated temperature:	232 psi / 194 °F 232 psi / -4 °F	Type of connection:	ANSI / JIS	Size of inlet connection:	DN 50	Size of outlet connection:	DN 50
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Company name: PFC Equipment

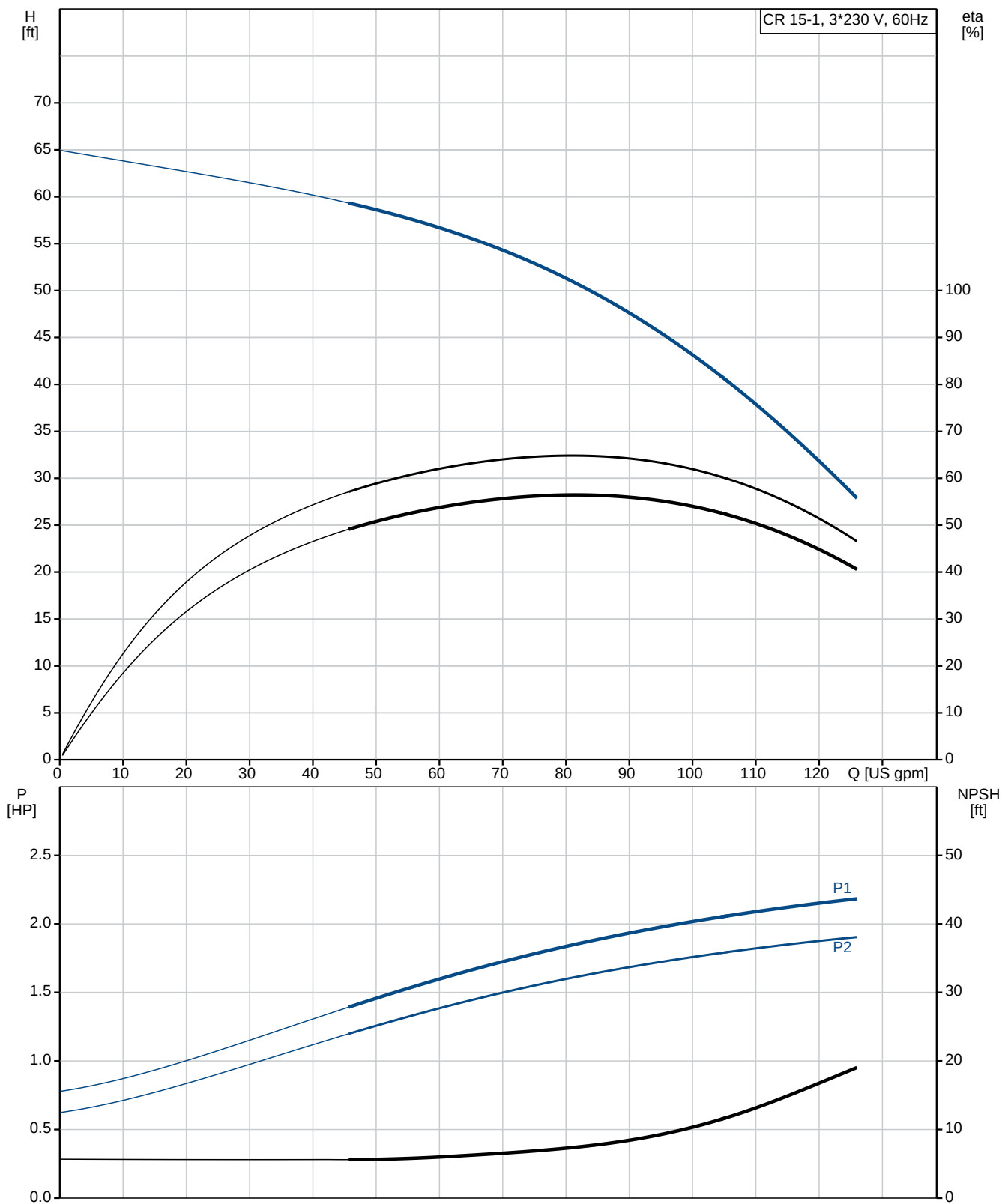
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Phone:

Date: 4/23/2020

Count	Description
	Pressure rating for connection: PN 25 Flange rating inlet: 300 lb Flange size for motor: 56C
	Electrical data: Motor standard: NEMA Motor type: 90GB IE Efficiency class: NEMA Premium / IE3 60Hz Rated power - P2: 2 HP Power (P2) required by pump: 2 HP Main frequency: 60 Hz Rated voltage: 3 x 208-230YY/460Y V Service factor: 1.15 Rated current: 6,00-5,80/2,90 A Starting current: 800-910 % Cos phi - power factor: 0.81-0.78 Rated speed: 3500-3520 rpm IE efficiency: IE3 85,5% Motor efficiency at full load: 85.5 % Motor efficiency at 3/4 load: 86.2 % Motor efficiency at 1/2 load: 84.9 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor Number: 99540185
	Controls: Frequency converter: NONE
	Others: DOE Pump Energy Index CL: 0.91 Net weight: 108 lb Gross weight: 123 lb Shipping volume: 6.11 ft ³ Country of origin: US Custom tariff no.: 8413.70.2040

96523628 CR 15-1 A-GJ-A-V-HQQV 60 Hz





Company name: PFC Equipment

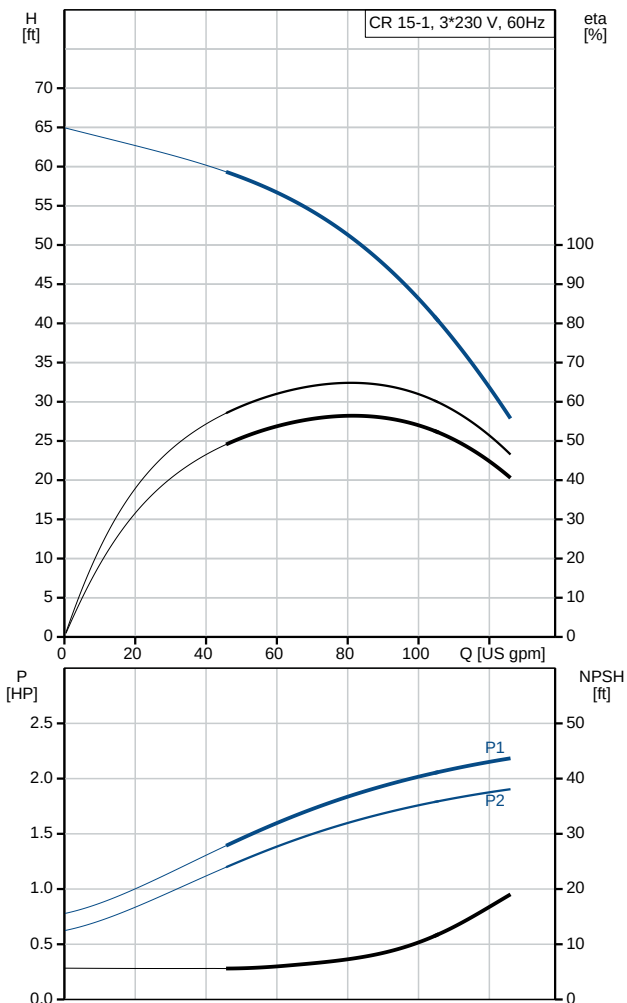
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Phone:

Date:

4/23/2020

Description	Value
General information:	
Product name:	CR 15-1 A-GJ-A-V-HQQV
Product No.:	96523628
EAN:	5700396908502
	5700396908502
Technical:	
Rated pump speed:	3452 rpm
Rated flow:	79.3 US gpm
Rated head:	50.53 ft
Maximum head:	63.65 ft
Actual impeller diameter:	4.13 in
Stages:	2
Impellers:	1
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQV
Approvals on nameplate:	CURUS
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Cooling:	TEFC
Materials:	
Base:	Cast iron
	EN 1561 EN-GJL-200
	ASTM A48-25B
Impeller:	Stainless steel
	EN 1.4301
	AISI 304
Material code:	A
Code for rubber:	V
Bearing:	SIC
Installation:	
Maximum ambient temperature:	140 °F
Maximum operating pressure:	232.06 psi
Max pressure at stated temperature:	232 psi / 194 °F
	232 psi / -4 °F
Type of connection:	ANSI / JIS
Size of inlet connection:	DN 50
Size of outlet connection:	DN 50
Pressure rating for connection:	PN 25
Flange rating inlet:	300 lb
Flange size for motor:	56C
Connect code:	GJ
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-4 .. 194 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Motor standard:	NEMA
Motor type:	90GB
IE Efficiency class:	NEMA Premium / IE3 60Hz





Company name: PFC Equipment

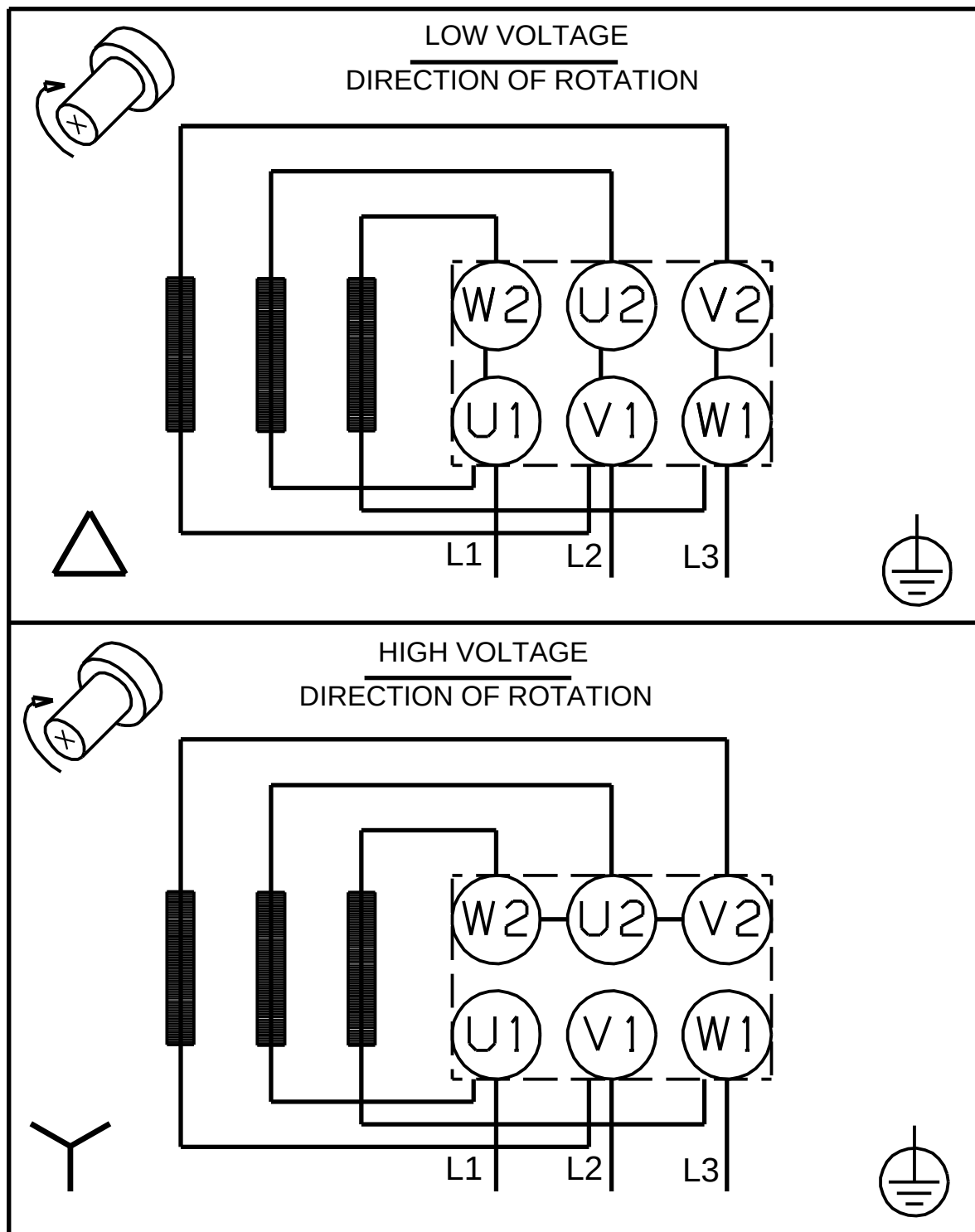
Created by:

Phone:

Date: 4/23/2020

Description	Value
Rated power - P2:	2 HP
Power (P2) required by pump:	2 HP
Main frequency:	60 Hz
Rated voltage:	3 x 208-230YY/460Y V
Service factor:	1.15
Rated current:	6,00-5,80/2,90 A
Starting current:	800-910 %
Load current:	6,80-6,60/3,30 A
Cos phi - power factor:	0.81-0.78
Rated speed:	3500-3520 rpm
IE efficiency:	IE3 85,5%
Motor efficiency at full load:	85.5 %
Motor efficiency at 3/4 load:	86.2 %
Motor efficiency at 1/2 load:	84.9 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	99540185
Controls:	
Frequency converter:	NONE
Others:	
DOE Pump Energy Index CL:	0.91
Net weight:	108 lb
Gross weight:	123 lb
Shipping volume:	6.11 ft ³
Country of origin:	US
Custom tariff no.:	8413.70.2040

96523628 CR 15-1 A-GJ-A-V-HQQV 60 Hz



All units are [in] unless otherwise presented.