

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

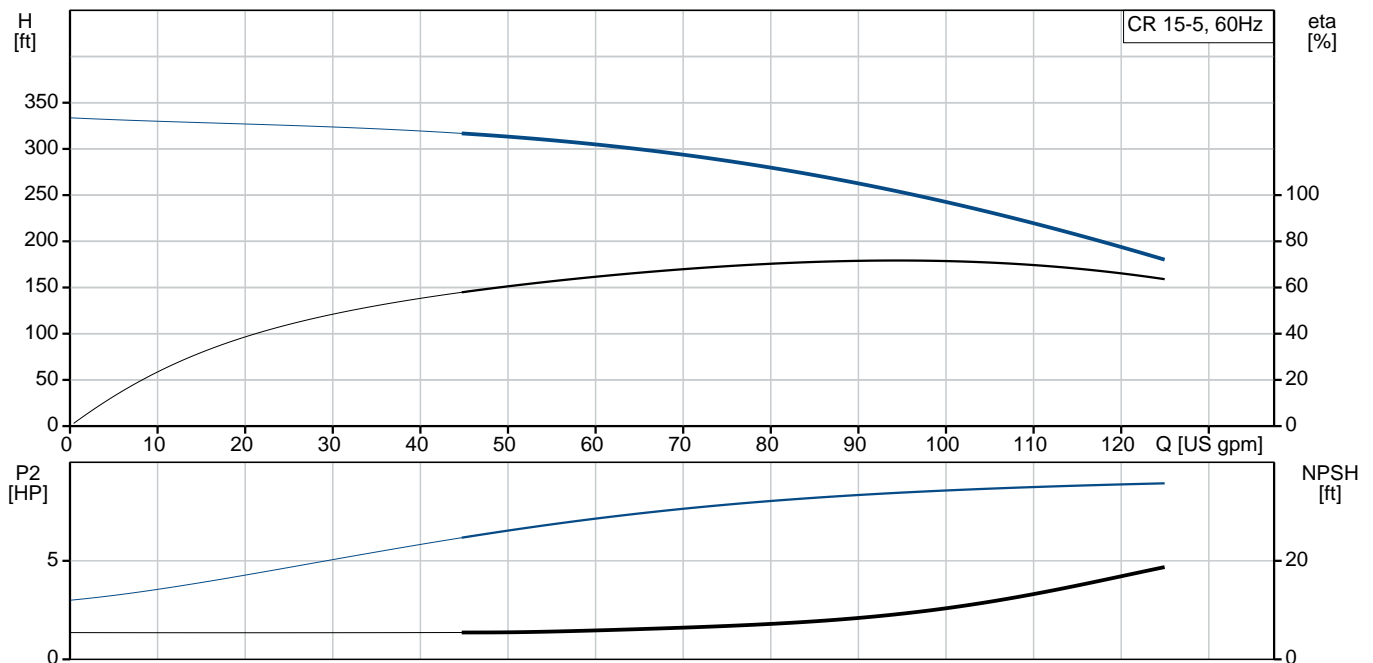


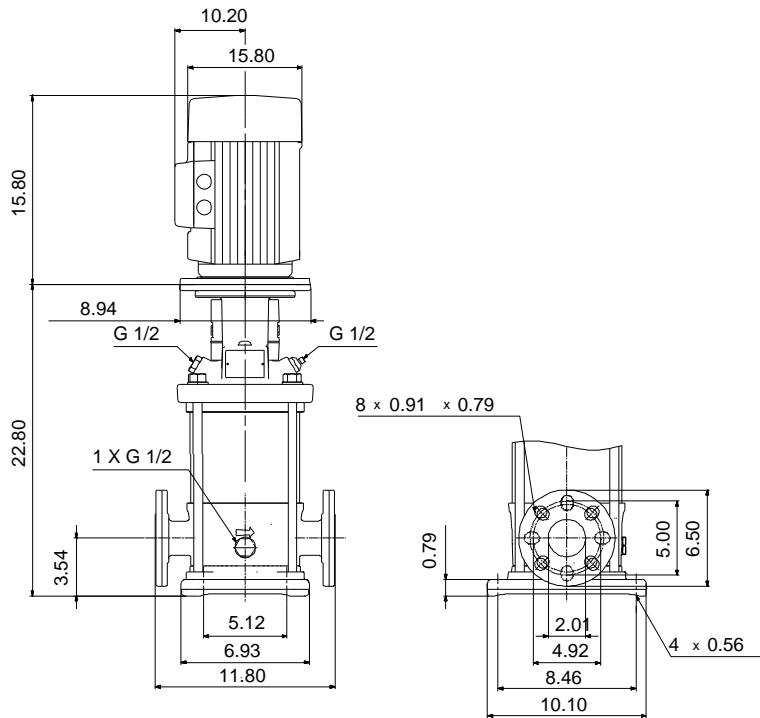
Product photo could vary from the actual product

CR 15-5 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: 10 HP
Head: _____	Liquid temperature range: -4 .. 194 °F	Rated voltage: 230 V
Efficiency: _____	Maximum ambient temperature: 104 °F	Main frequency: 60 Hz
Liquid: Water	Approvals: CURUS	Insulation class: F
Temperature: 68 °F	Shaft seal: HQQV	Motor protection: NONE
NPSH required: ft	Product number: 96523545	Motor type: BALDOR
Viscosity: _____		
Specific Gravity: 1.000		






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	<p>CR 15-5 A-GJ-A-V-HQQV</p>  <p>Product No.: 96523545</p> <p>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.</p> <p>The pump is fitted with a 1-phase, fan-cooled asynchronous motor.</p> <p>Liquid:</p> <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> <p>Technical:</p> <table> <tr> <td>Rated pump speed:</td><td>3500 rpm</td></tr> <tr> <td>Rated flow:</td><td>90.3 US gpm</td></tr> <tr> <td>Rated head:</td><td>262.2 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> <p>Materials:</p> <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> <p>Installation:</p> <table> <tr> <td>Maximum ambient temperature:</td><td>104 °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:	3500 rpm	Rated flow:	90.3 US gpm	Rated head:	262.2 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:	104 °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

Created by:

Phone:

Date: 4/23/2020

Count	Description
	Pressure rating for connection: PN 25 Flange rating inlet: 300 lb Flange size for motor: 213TC
	Electrical data: Motor standard: NEMA Motor type: BALDOR Rated power - P2: 10 HP Power (P2) required by pump: 10 HP Main frequency: 60 Hz Rated voltage: 1 x 230 V Service factor: 1.15 Rated current: 40 A Rated speed: 3525 rpm Number of poles: 2 Insulation class (IEC 85): F Motor Number: 85700022
	Controls: Frequency converter: NONE
	Others: DOE Pump Energy Index CL: 0.91 Net weight: 258 lb Gross weight: 373 lb Shipping volume: 21.9 ft ³ Country of origin: US Custom tariff no.: 8413.70.2040



Company name: PFC Equipment

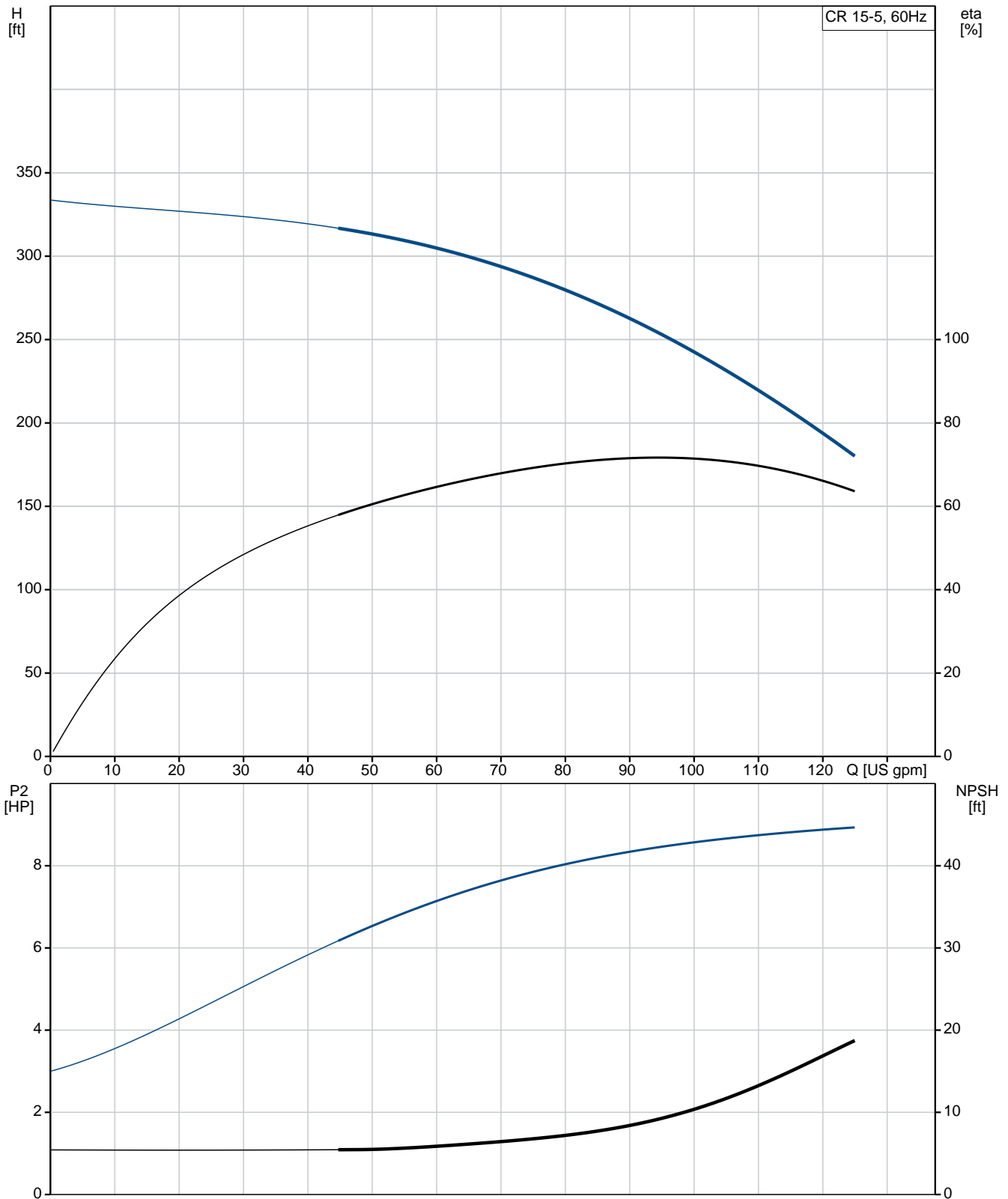
Created by:

Phone:

Date:

4/23/2020

96523545 CR 15-5 A-GJ-A-V-HQQV 60 Hz





Company name: PFC Equipment

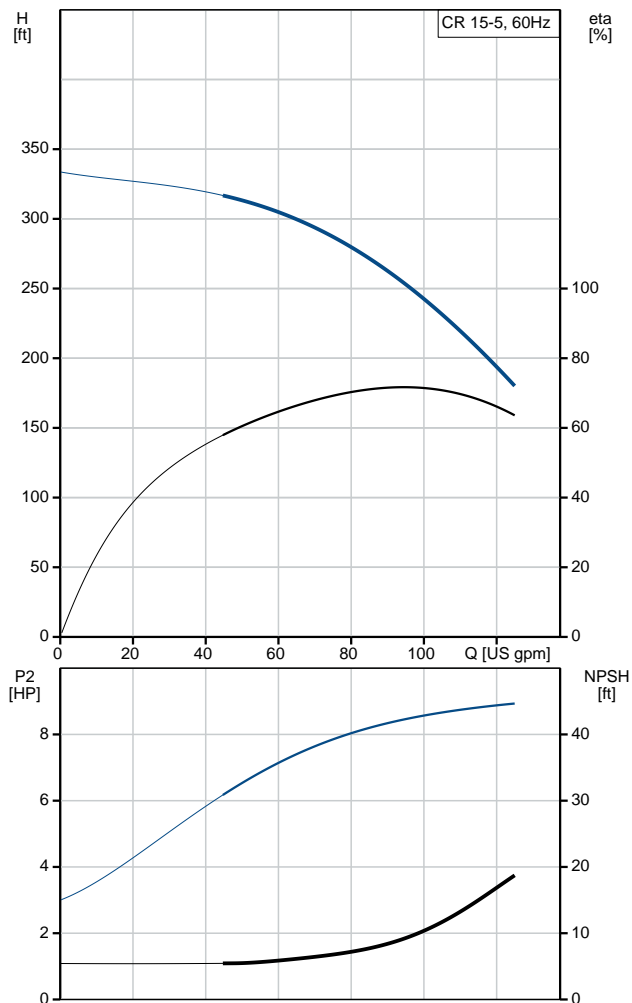
Created by:

Phone:

Date:

4/23/2020

Description	Value
General information:	
Product name:	CR 15-5 A-GJ-A-V-HQQV
Product No.:	96523545
EAN:	5700396906867
	5700396906867
Technical:	
Rated pump speed:	3500 rpm
Rated flow:	90.3 US gpm
Rated head:	262.2 ft
Maximum head:	334.7 ft
Actual impeller diameter:	4.13 in
Stages:	5
Impellers:	5
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:	104 °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:	213TC
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:	BALDOR
Rated power - P2:	10 HP





Company name: PFC Equipment

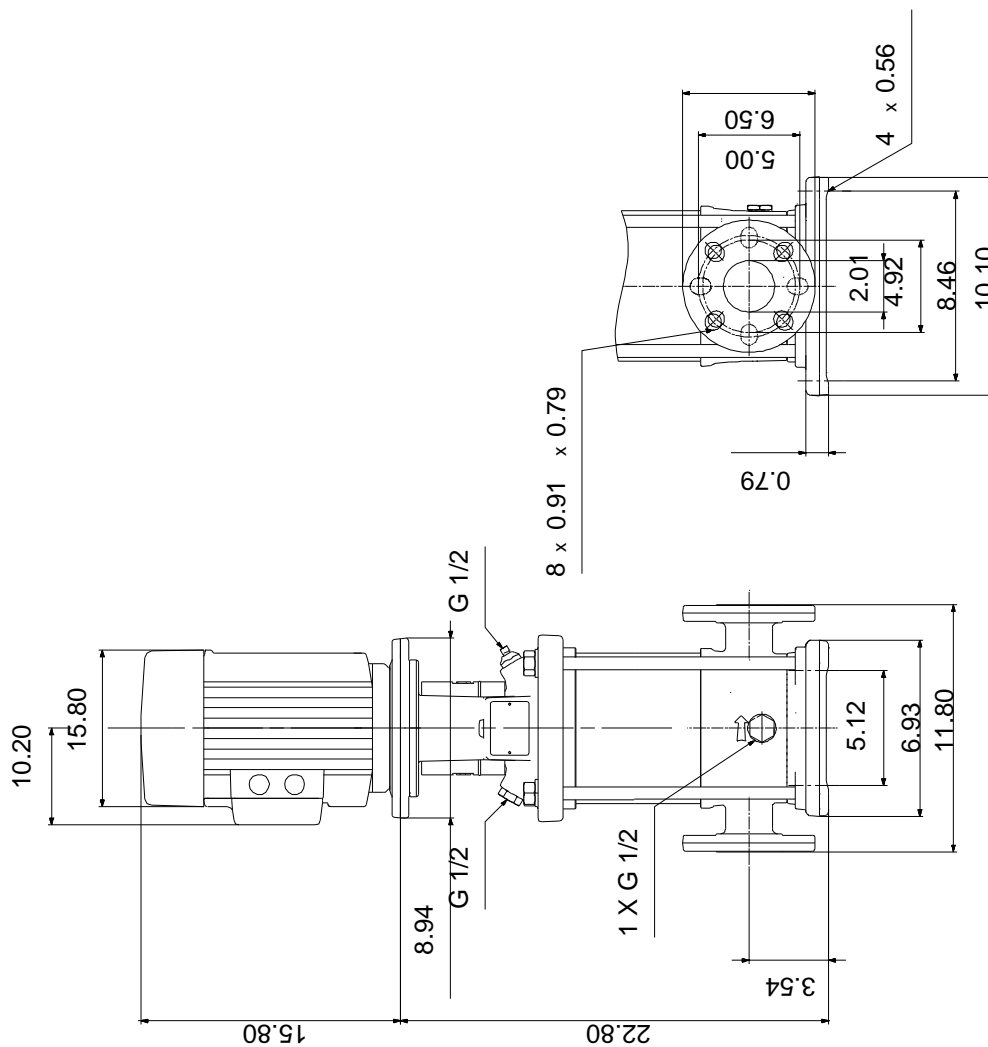
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Date: 4/23/2020

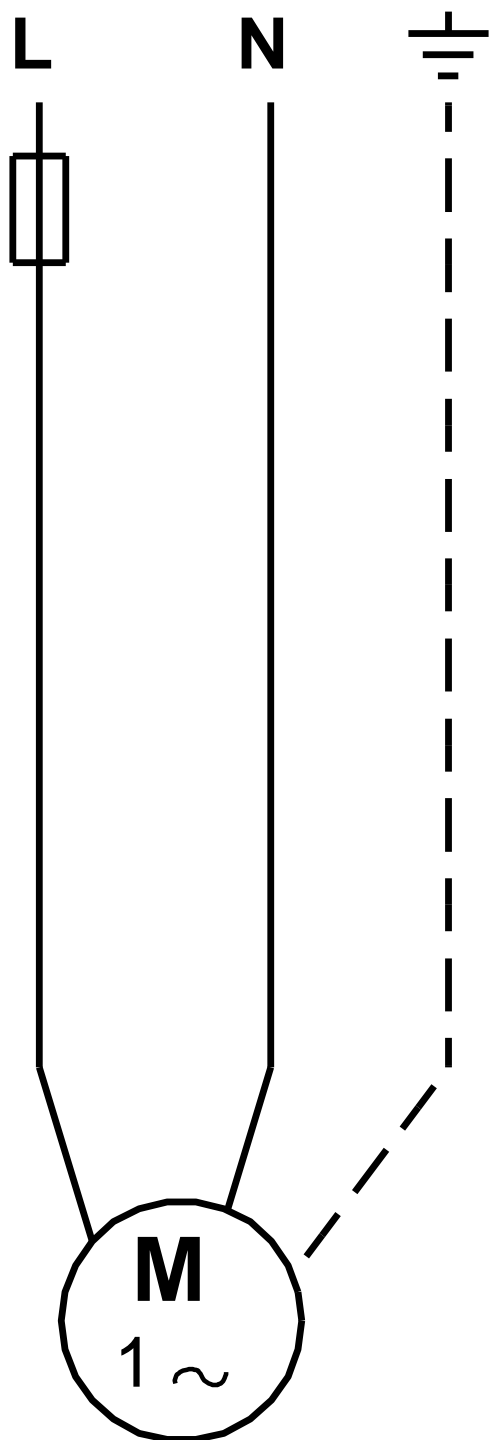
Description	Value
Power (P2) required by pump:	10 HP
Main frequency:	60 Hz
Rated voltage:	1 x 230 V
Service factor:	1.15
Rated current:	40 A
Load current:	46 A
Rated speed:	3525 rpm
Number of poles:	2
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85700022
Controls:	
Frequency converter:	NONE
Others:	
DOE Pump Energy Index CL:	0.91
Net weight:	258 lb
Gross weight:	373 lb
Shipping volume:	21.9 ft³
Country of origin:	US
Custom tariff no.:	8413.70.2040

96523545 CR 15-5 A-GJ-A-V-HQQV 60 Hz



Note! All units are in [in] unless otherwise stated.
Disclaimer: This simplified dimensional drawing does not show all details.

96523545 CR 15-5 A-GJ-A-V-HQQV 60 Hz



All units are [in] unless otherwise presented.