

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

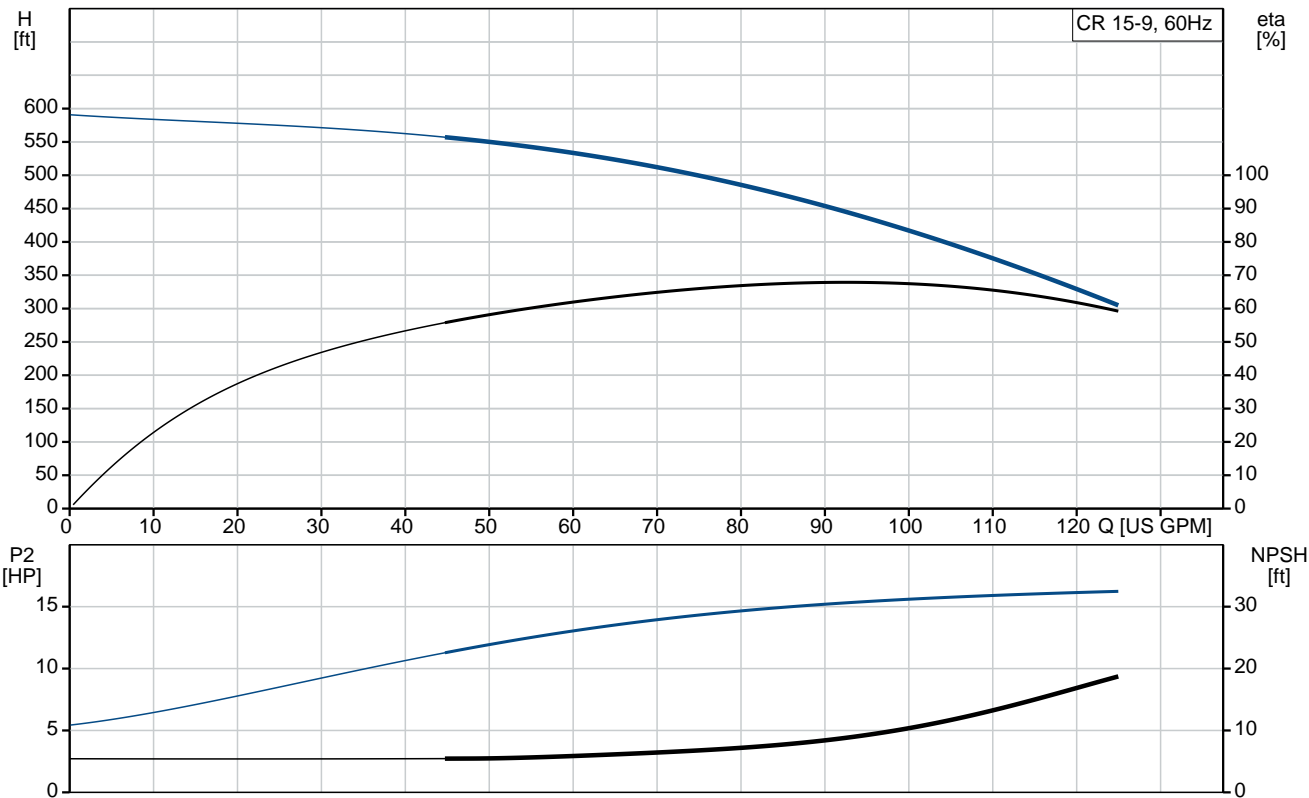


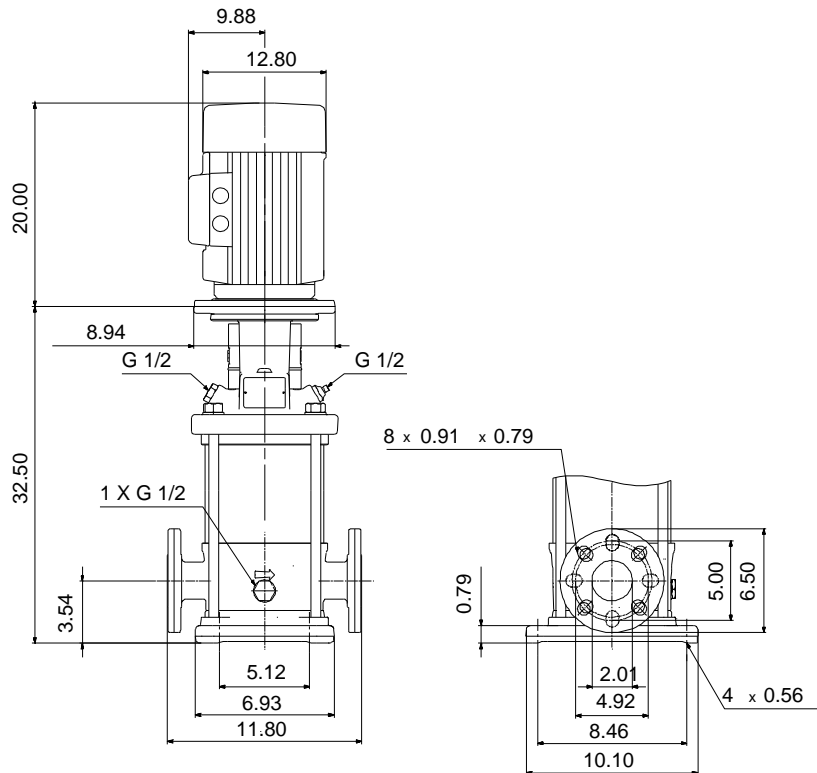
CR 15-9 A-GJ-A-E-HQQE

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)

Note! Product picture may differ from actual product


Conditions of Service	Pump Data	Motor Data
Flow: _____	Max pressure at stated temp: 363 psi / 250 °F	Rated power - P2: 20 HP
Head: _____	Liquid temperature range: -4 .. 248 °F	Rated voltage: 208-230/460 V
Efficiency: _____	Maximum ambient temperature: 104 °F	Mains frequency: 60 Hz
Liquid: Water	Approvals: CURUS	Enclosure class: IP54
Temperature: 68 °F	Shaft seal: HQQE	Insulation class: F
NPSH required: ft	Product number: 97760168	Motor protection: NONE
Viscosity: _____		Motor type: BALDOR
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:	E

Qty.	Description
1	<p>CR 15-9 A-GJ-A-E-HQQE</p>  <p>Product No.: 97760168</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 3-phase, fan-cooled asynchronous motor.</p> <p>Liquid: Pumped liquid: Water Liquid temperature range: -4 .. 248 °F Selected liquid temperature: 68 °F Density: 62.29 lb/ft³</p> <p>Technical: Pump speed on which pump data are based: 3444 rpm Rated flow: 90.3 US GPM Rated head: 453.1 ft Actual impeller diameter: 4.13 in Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQE Approvals on nameplate: CURUS Curve tolerance: ISO9906:2012 3B</p> <p>Materials: Base: Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Impeller: Stainless steel EN 1.4301 AISI 304 Bearing: SIC</p> <p>Installation: Maximum 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: 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: 254TC</p> <p>Electrical data:</p>



Company name:

Created by:

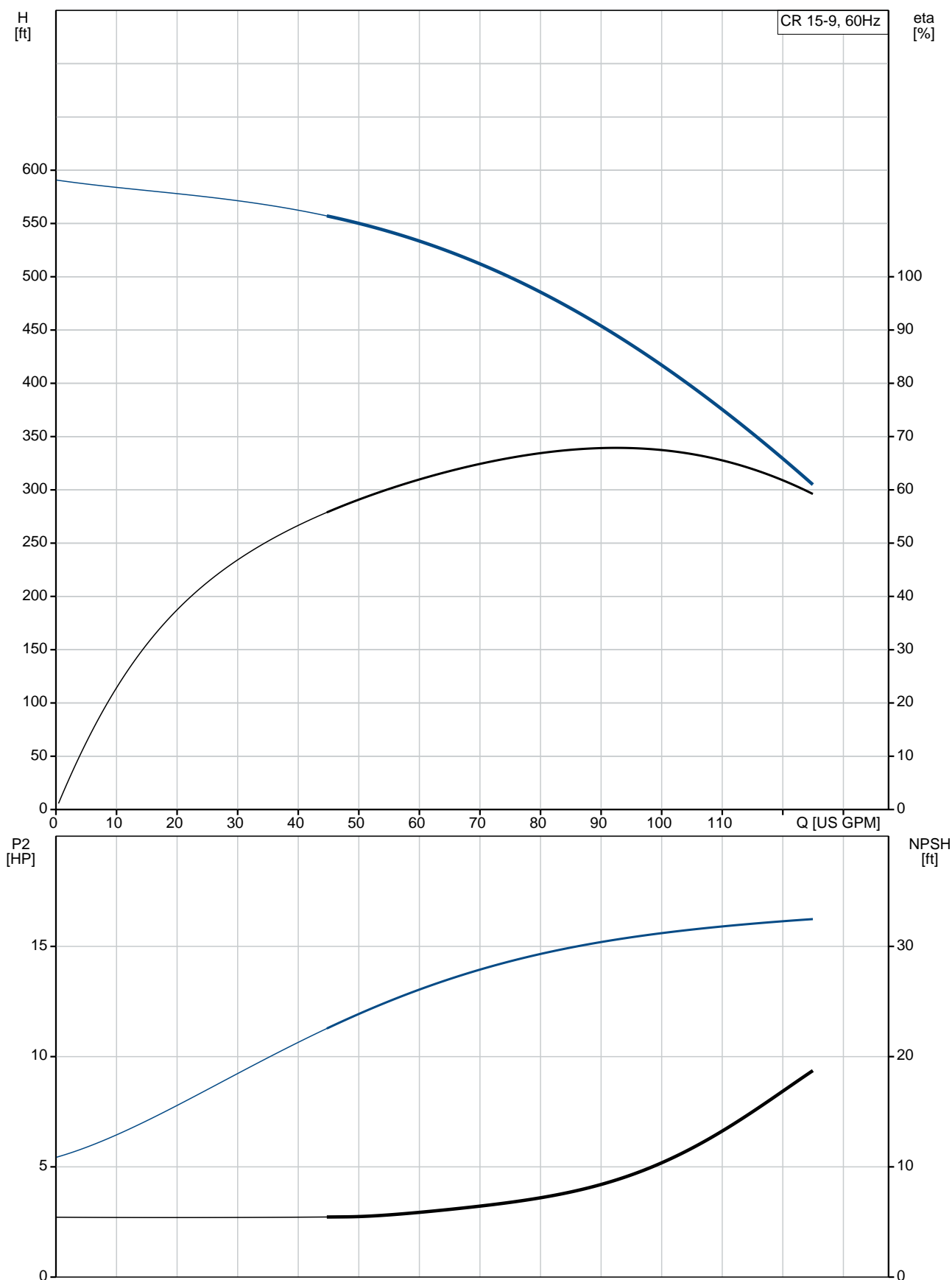
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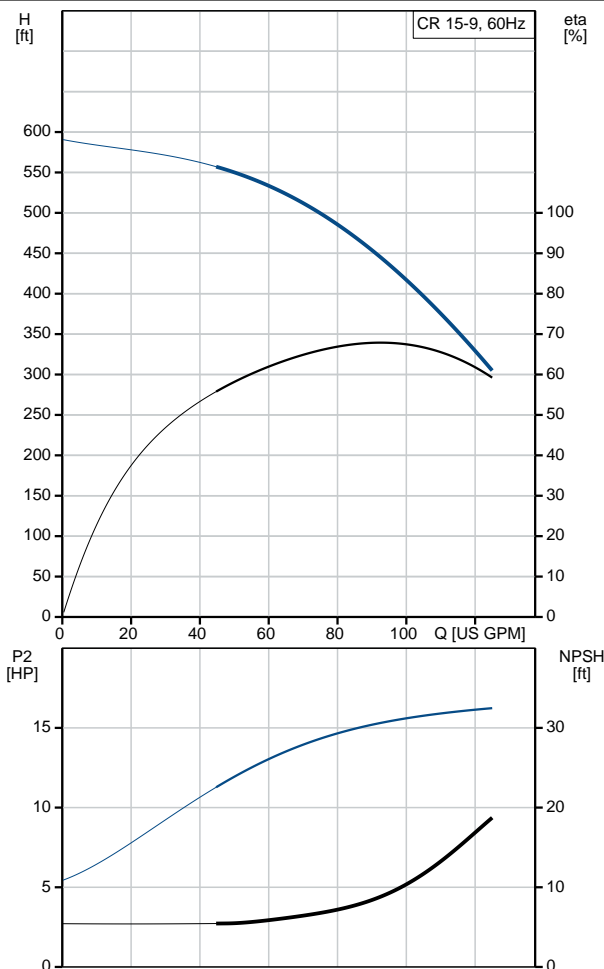
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Qty.	Description
	<p>Motor standard: NEMA Motor type: BALDOR IE Efficiency class: IE3 / NEMA Premium Rated power - P2: 20 HP Power (P2) required by pump: 20 HP Mains frequency: 60 Hz Rated voltage: 3 x 208-230/460 V Service factor: 1.15 Rated current: 48-44/22 A Rated speed: 3540 rpm Number of poles: 2 Enclosure class (IEC 34-5): IP54 Insulation class (IEC 85): F Motor No: 84Z03971</p> <p>Controls: Frequency converter: NONE</p> <p>Others: DOE Pump Energy Index CL: 0.91 Net weight: 423 lb Gross weight: 538 lb Shipping volume: 21.9 ft³ Country of origin: US Custom tariff no.: 8413.70.2040</p>

97760168 CR 15-9 A-GJ-A-E-HQQE 60 Hz



Description	Value
General information:	
Product name:	CR 15-9 A-GJ-A-E-HQQE
Product No:	97760168
EAN number:	5710623892030 5710623892030
Technical:	
Pump speed on which pump data are based:	3444 rpm
Rated flow:	90.3 US GPM
Rated head:	453.1 ft
Maximum head:	590.6 ft
Actual impeller diameter:	4.13 in
Stages:	9
Impellers:	9
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
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:	E
Bearing:	SIC
Installation:	
Maximum 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:	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:	254TC
Connect code:	GJ
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-4 .. 248 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Motor standard:	NEMA
Motor type:	BALDOR
IE Efficiency class:	IE3 / NEMA Premium
Rated power - P2:	20 HP
Power (P2) required by pump:	20 HP
Mains frequency:	60 Hz





Company name:

Created by:

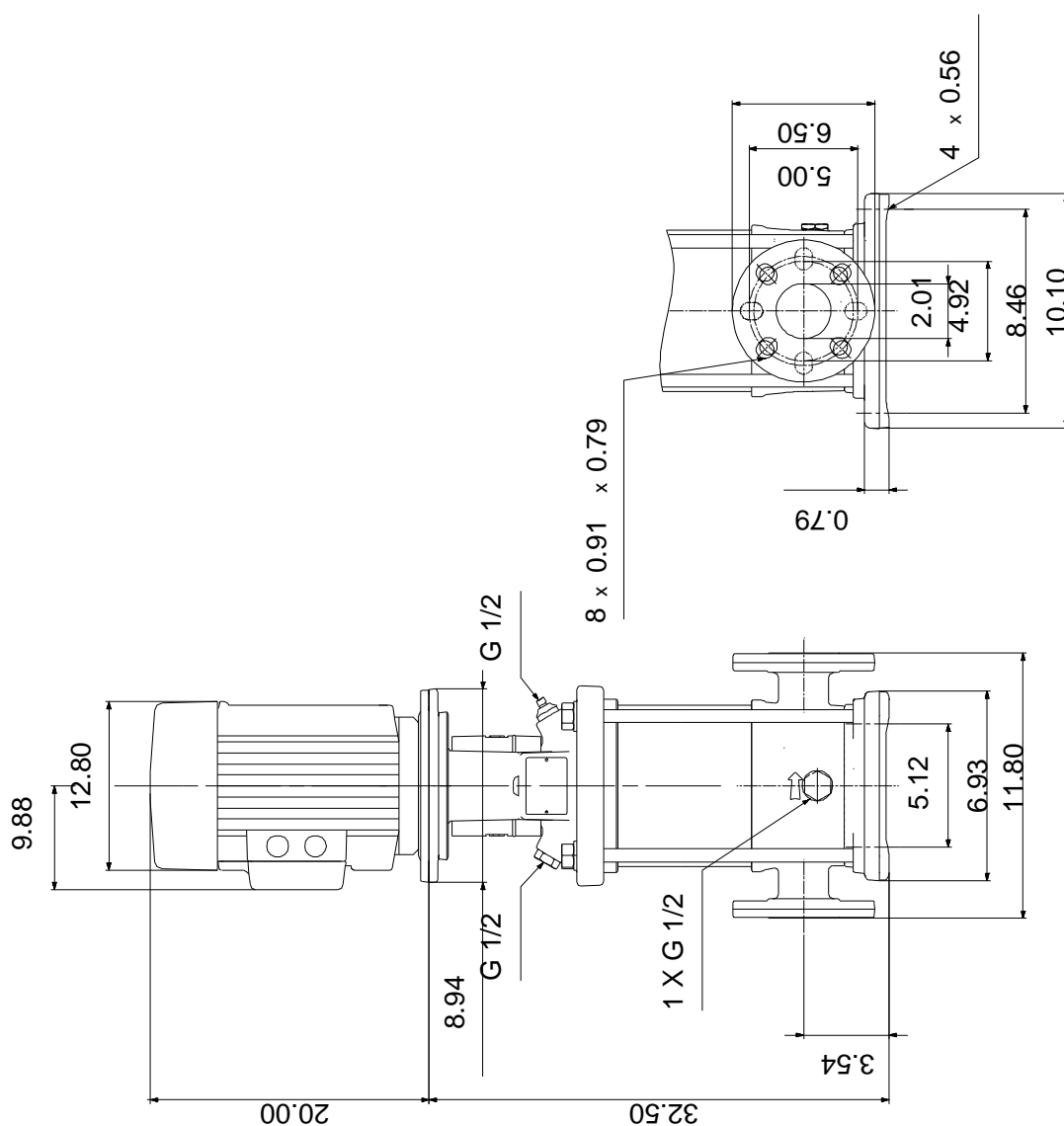
Phone:

Date:

24/04/2020

Description	Value
Rated voltage:	3 x 208-230/460 V
Service factor:	1.15
Rated current:	48-44/22 A
Load current:	56-50/25 A
Rated speed:	3540 rpm
Number of poles:	2
Enclosure class (IEC 34-5):	IP54
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	84Z03971
Controls:	
Frequency converter:	NONE
Others:	
DOE Pump Energy Index CL:	0.91
Net weight:	423 lb
Gross weight:	538 lb
Shipping volume:	21.9 ft³
Country of origin:	US
Custom tariff no.:	8413.70.2040

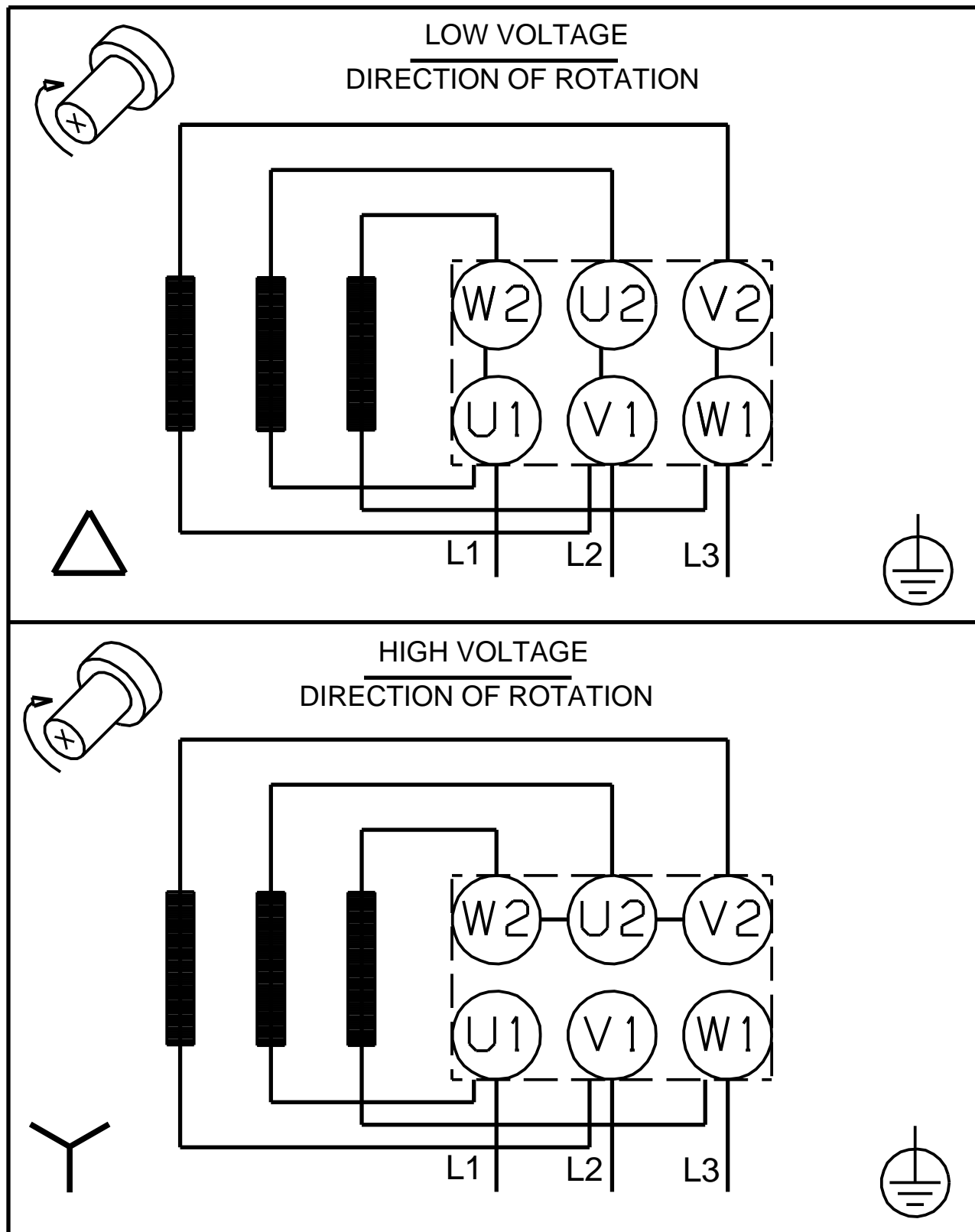
97760168 CR 15-9 A-GJ-A-E-HQQE 60 Hz



Note! All units are in [in] unless others are stated.

Disclaimer: This simplified dimensional drawing does not show all details.

97760168 CR 15-9 A-GJ-A-E-HQQE 60 Hz



Note! All units are in [in] unless others are stated.