

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

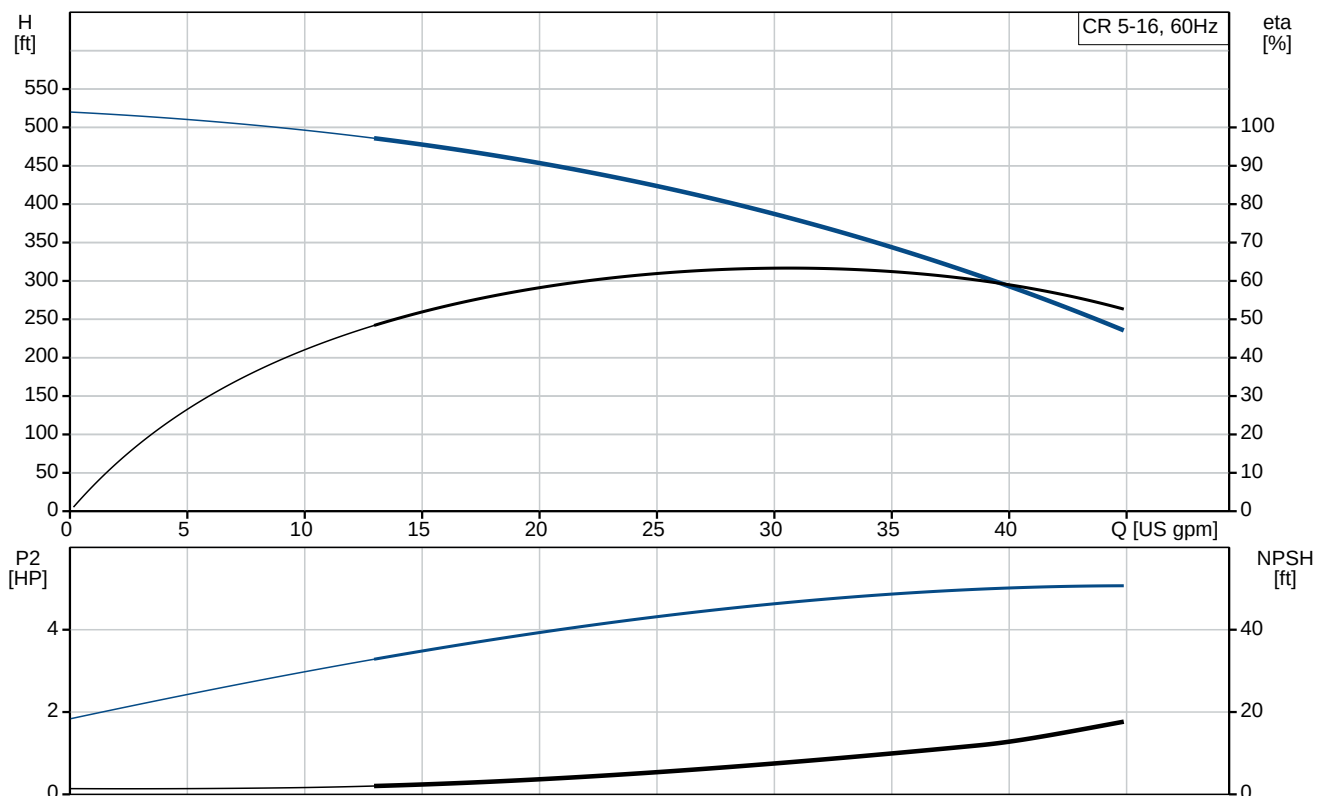


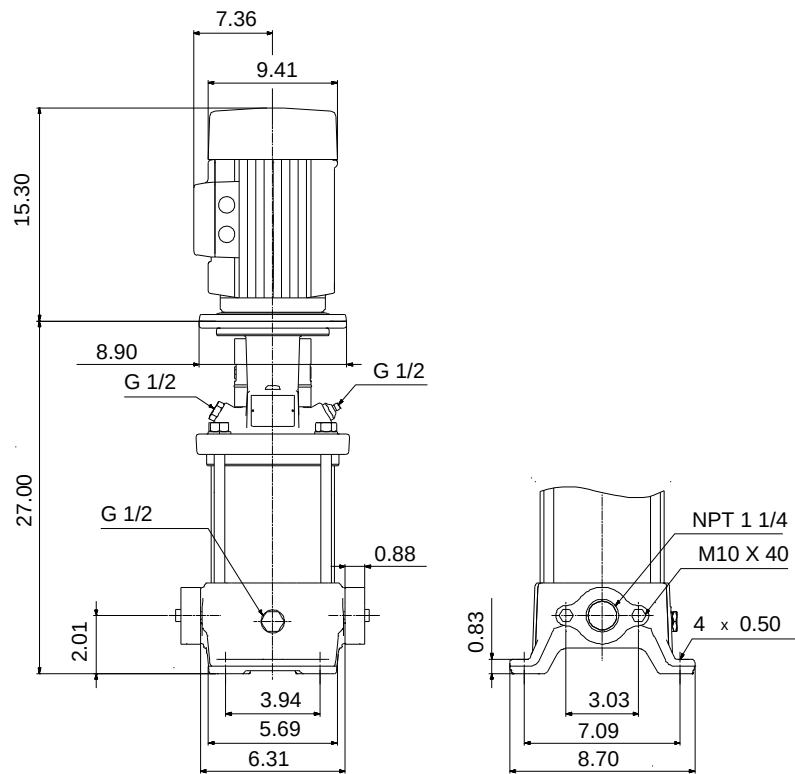
CR 5-16A-B-A-V-HQQV

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)

Product photo could vary from the actual product

Conditions of Service	Pump Data	Motor Data
Flow: _____	Max pressure at stated temperature: 232 psi / 194 °F	Rated power - P2: 5 HP
Head: _____	Liquid temperature range: -4 .. 194 °F	Rated voltage: 208-230 V
Efficiency: _____	Maximum ambient temperature: 104 °F	Main frequency: 60 Hz
Liquid: Water	Approvals: CURUS	Enclosure class: 54 Dust/Splashing
Temperature: 68 °F	Shaft seal: HQQV	Insulation class: F
NPSH required: ft	Product number: 96084199	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:	V

Count	Description
1	CR 5-16A-B-A-V-HQQV  Product No.: 96084199 Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation. The pump has the following characteristics: - Impellers and intermediate chambers are made of - The shaft seal has assembly length according to EN 12756. - Power transmission is via cast iron split coupling. The motor is a 1-phase AC motor. Controls: Frequency converter: NONE Liquid: Pumped liquid: Water Liquid temperature range: -4 .. 194 °F Selected liquid temperature: 68 °F Density: 62.29 lb/ft³ Technical: Rated pump speed: 3468 rpm Rated flow: 30.4 US gpm Rated head: 375.3 ft Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQV Approvals on nameplate: CURUS 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: 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: Oval / NPT(F)



Company name:

Created by:

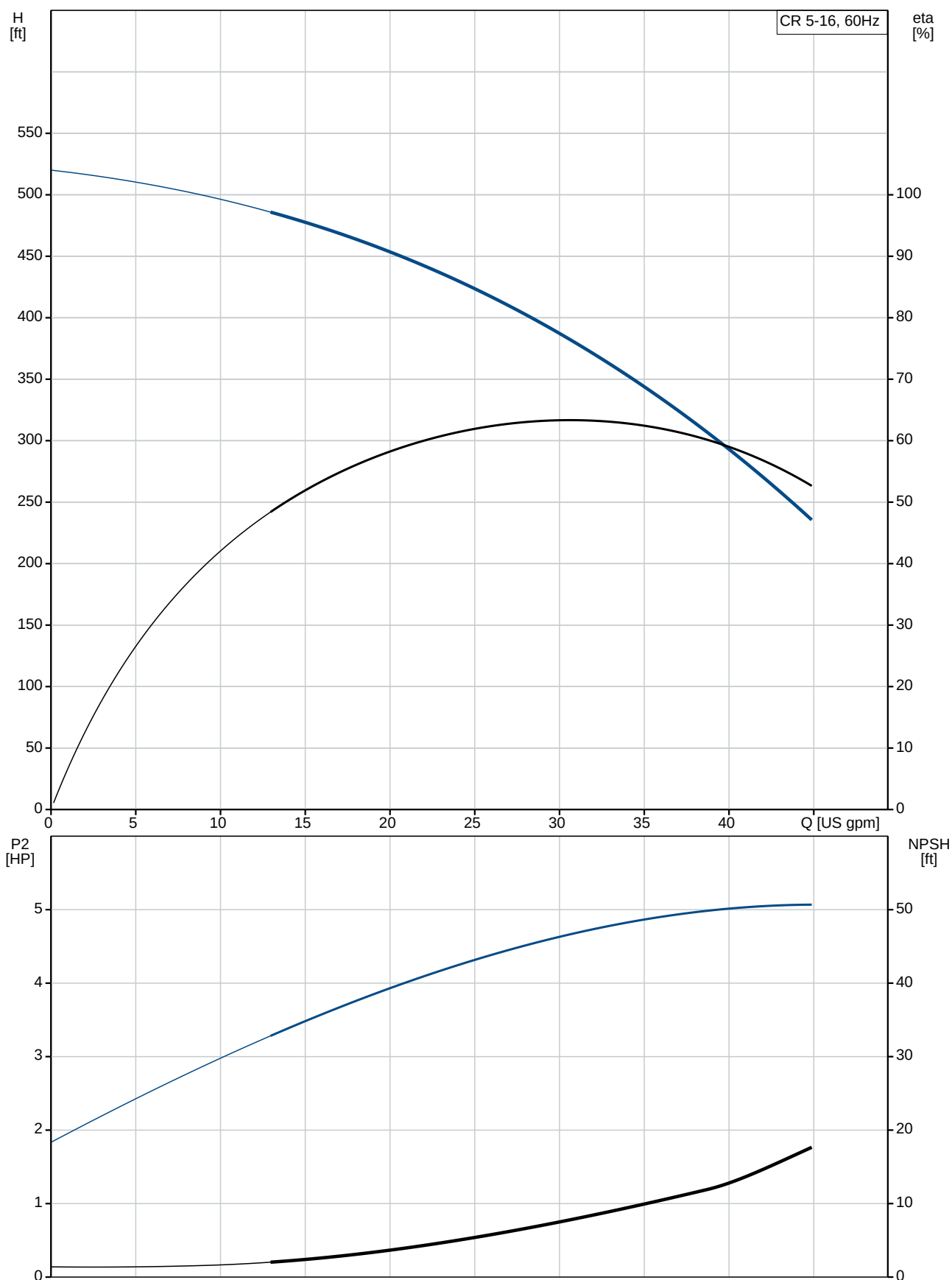
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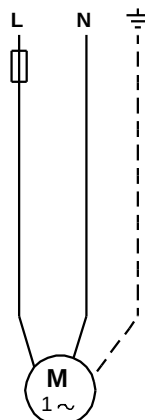
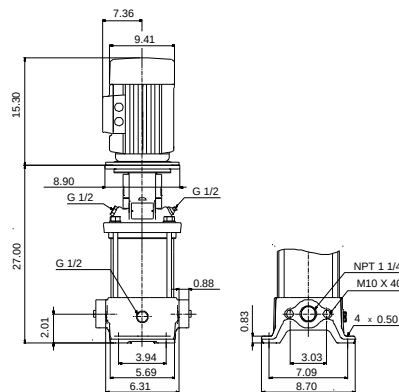
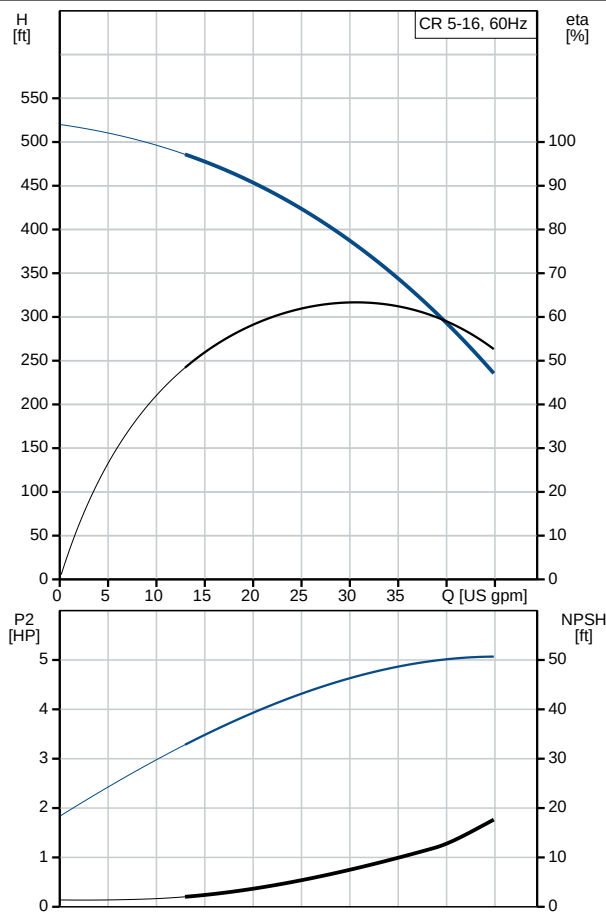
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Count	Description
	Size of suction port: 1 1/4 inch Size of outlet port: 1 1/4 inch Pressure rating for pipe connection: PN 16 Flange size for motor: 182TC Electrical data: Motor standard: NEMA Motor type: Baldor Rated power - P2: 5 HP Power (P2) required by pump: 5 HP Main frequency: 60 Hz Rated voltage: 1 x 208-230 V Service factor: 1.15 Rated current: 24.0-22.0 A Rated speed: 3450 rpm Number of poles: 2 Enclosure class (IEC 34-5): 54 Dust/Splashing Insulation class (IEC 85): F Motor Number: 85700012 Others: Net weight: 154 lb Gross weight: 172 lb Shipping volume: 10.1 ft ³ Country of origin: US Custom tariff no.: 8413.70.2040

96084199 CR 5-16A-B-A-V-HQQV 60 Hz



Description	Value
General information:	
Product name:	CR 5-16A-B-A-V-HQQV
Product No.:	96084199
EAN:	5700395190373
Technical:	
Rated pump speed:	3468 rpm
Rated flow:	30.4 US gpm
Rated head:	375.3 ft
Head max:	512.2 ft
Stages:	16
Impellers:	16
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:	Oval / NPT(F)
Size of suction port:	1 1/4 inch
Size of outlet port:	1 1/4 inch
Pressure rating for pipe connection:	PN 16
Flange size for motor:	182TC
Connect code:	B
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:	5 HP
Power (P2) required by pump:	5 HP
Main frequency:	60 Hz
Rated voltage:	1 x 208-230 V
Service factor:	1.15
Rated current:	24.0-22.0 A
Load current:	27.0-25.0 A
Rated speed:	3450 rpm





Company name:

Created by:

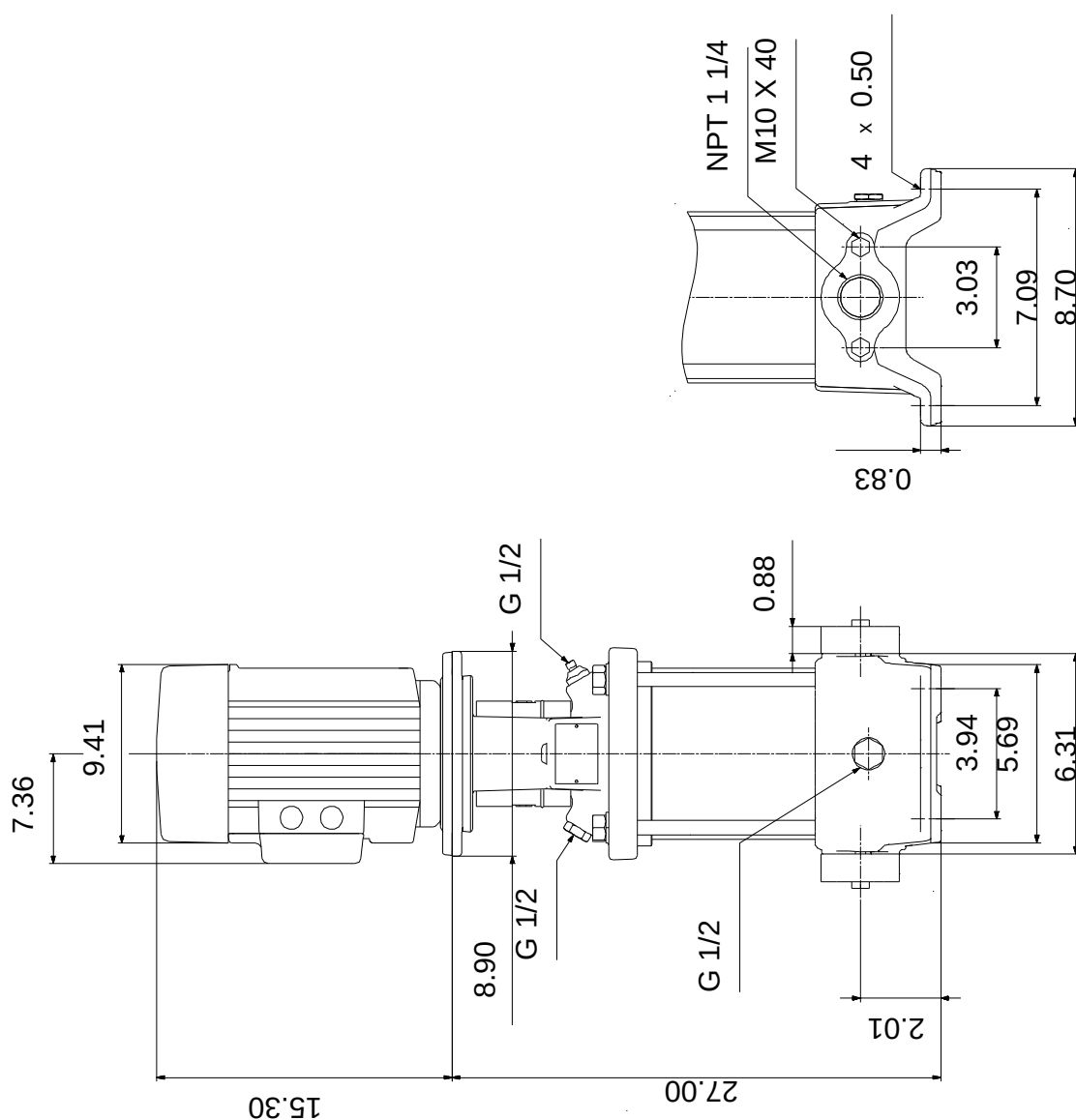
Phone:

Date:

5/6/2019

Description	Value
Number of poles:	2
Enclosure class (IEC 34-5):	54 Dust/Splashing
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85700012
Controls:	
Frequency converter:	NONE
Others:	
Net weight:	154 lb
Gross weight:	172 lb
Shipping volume:	10.1 ft ³
Country of origin:	US
Custom tariff no.:	8413.70.2040

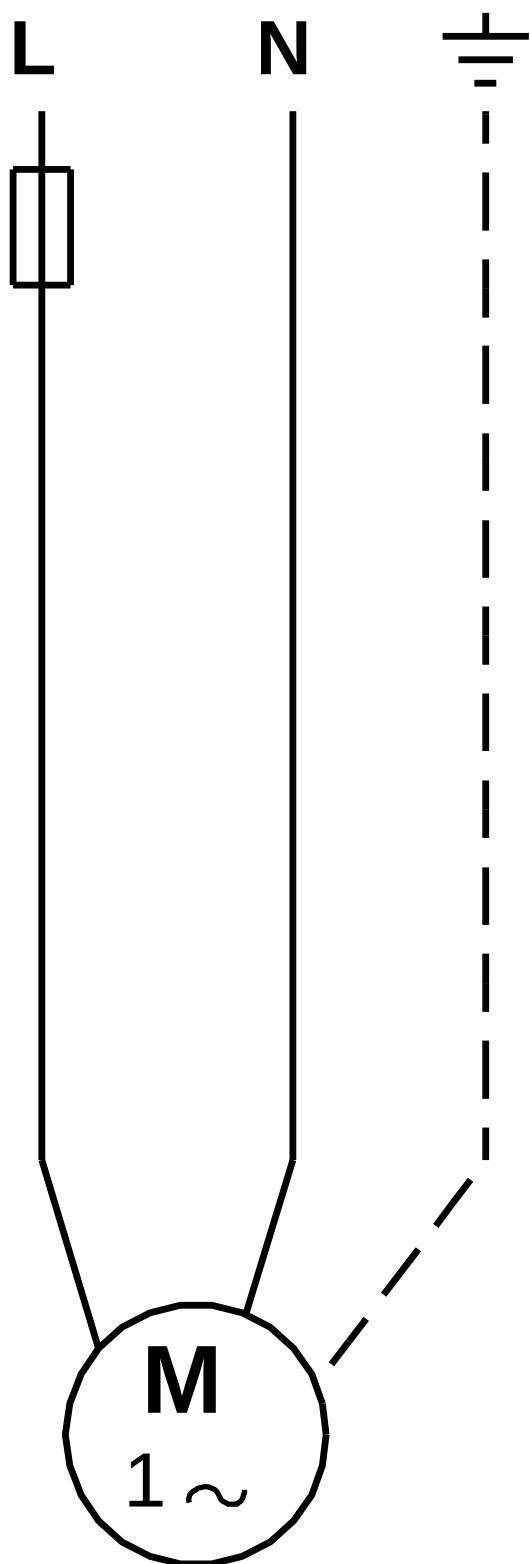
96084199 CR 5-16A-B-A-V-HQQV 60 Hz



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

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

96084199 CR 5-16A-B-A-V-HQQV 60 Hz



All units are [in] unless otherwise presented.