

Submittal Data

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

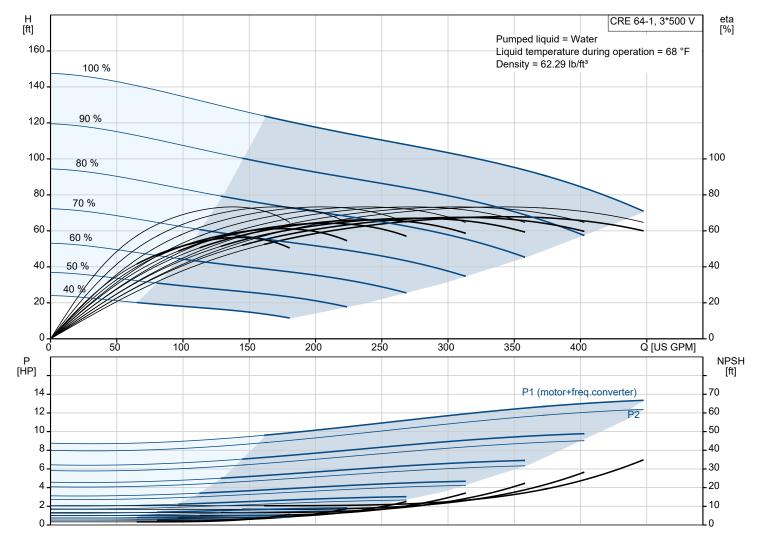


CRE 64-1 N-G-A-E-HQQE

Vertical, multistage centrifugal pump with integrated frequency converter. The pump head and base are in cast iron - all other wetted parts are in stainless steel (EN 1.4301)

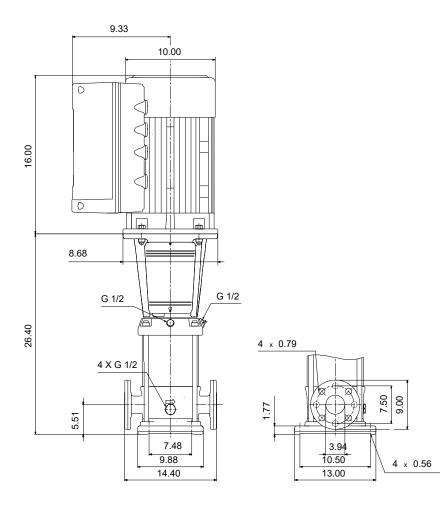
Note! Product picture may differ from actual product

Conditions of Service		Pump Data		Motor Data	
Liquid: Temperature: Specific Gravity:	Water 68 °F 1.000	Max pressure at stated temp: Liquid temperature range: Maximum ambient temperature: Shaft seal: Product number:	232 psi / 250 °F -22 248 °F 122 °F HQQE 99076556	Rated power - P2: Rated voltage: Mains frequency: Enclosure class: Insulation class: Motor protection: Motor type: Eta 1/1:	15 HP 440-480 V 60 Hz IP55 F ELEC 160H 93.2 %





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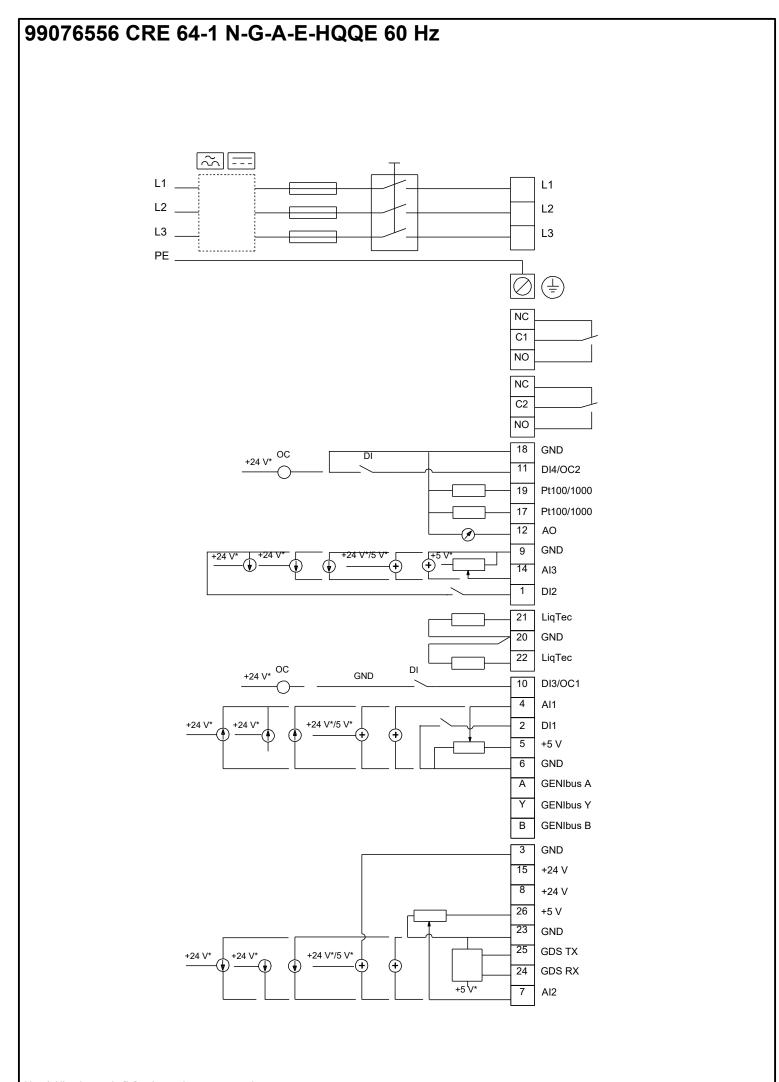


Materials:

- Base:CBase:EBase:AImpeller:SImpeller:AImpeller:EMaterial code:ACode for rubber:E
- Cast iron EN 1563 EN-GJS-500-7 ASTM A536 80-55-06 Stainless steel AISI 304 EN 1.4301 A



Description	
M ())	
Materials:	Cost iron
Base:	Cast iron
	EN 1563 EN-GJS-500-7
	ASTM A536 80-55-06
Impeller:	Stainless steel
	EN 1.4301
	AISI 304
Bearing:	SIC
Support bearing:	Graflon
Installation:	
t max amb:	122 °F
Maximum operating pressure:	232.06 psi
Max pressure at stated temp:	232 psi / 250 °F
	232 psi / -22 °F
Type of connection:	ANSI
Size of inlet connection:	4 inch
Size of outlet connection:	4 inch
Pressure rating for connection:	PN 16
Flange rating inlet:	150 lb
Flange size for motor:	254TC
Flange size for motor.	25410
Electrical data:	
Motor standard:	NEMA
Motor type:	160H
IE Efficiency class:	IE5
Rated power - P2:	15 HP
Power (P2) required by pump:	15 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 440-480 V
Service factor:	1.15
Rated current:	17.9-16.6 A
Cos phi - power factor:	0.92-0.91
Rated speed:	360-4000 rpm
Efficiency:	93.2%
Motor efficiency at full load:	93.2 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor No:	99256777
	33230111
Controls:	
Frequency converter:	Built-in
Pressure sensor:	Y
Others:	
DOE Pump Energy Index VL:	0.43
Net weight:	280 lb
Gross weight:	298 lb
Shipping volume:	17.5 ft³
11 5	



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