

Submittal Data

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

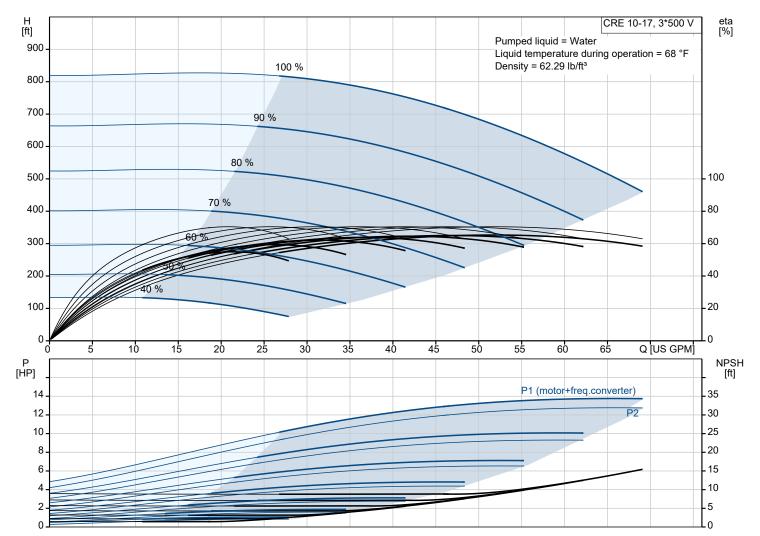


CRE 10-17 N-GJ-A-E-HQQE

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)

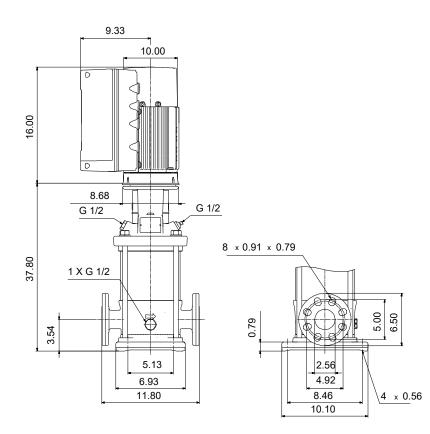
Note! Product picture may differ from actual product

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:	363 psi / 250 °F -4 248 °F 122 °F HQQE 99076378	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 %



Submittal Data

GRUNDFOS

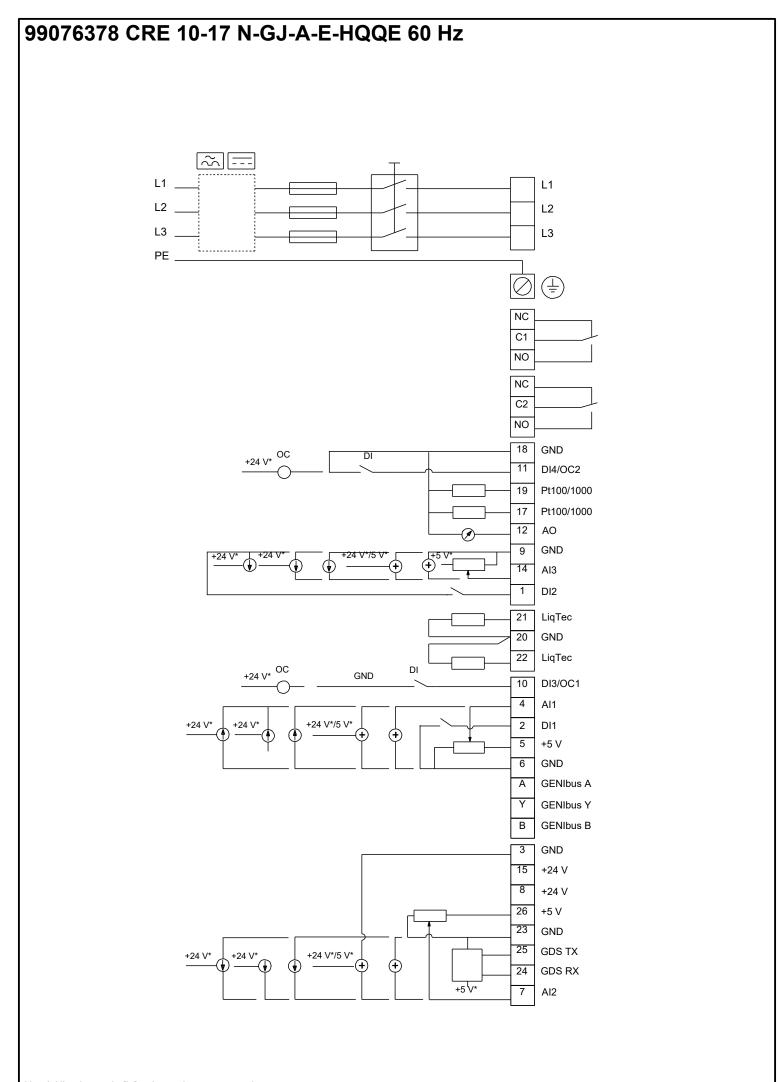


Materials:

Base: Cast iron Base: EN 1561 EN-GJL-200 Base: **ASTM A48-25B** Impeller: Stainless steel Impeller: AISI 304 Impeller: EN 1.4301 Material code: А Code for rubber: Е



Qty.	Description	
•	Materials:	
	Base:	Cast iron
		EN 1561 EN-GJL-200
		ASTM A48-25B
	Impeller:	Stainless steel
		EN 1.4301
		AISI 304
	Bearing:	SIC
	Dealing.	
	Installation:	
	t max amb:	122 °F
	Maximum operating pressure:	362.59 psi
	Max pressure at stated temp:	363 psi / 250 °F
		363 psi / -4 °F
	Town of commonstitutes	
	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
		20110
	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
	Controls:	
	Frequency converter:	Built-in
	Pressure sensor:	Y
	Others:	
	DOE Pump Energy Index VL:	0.40
	Net weight:	258 lb
	Gross weight:	370 lb
	Shipping volume:	17.2 ft ³



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