

Submittal Data

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

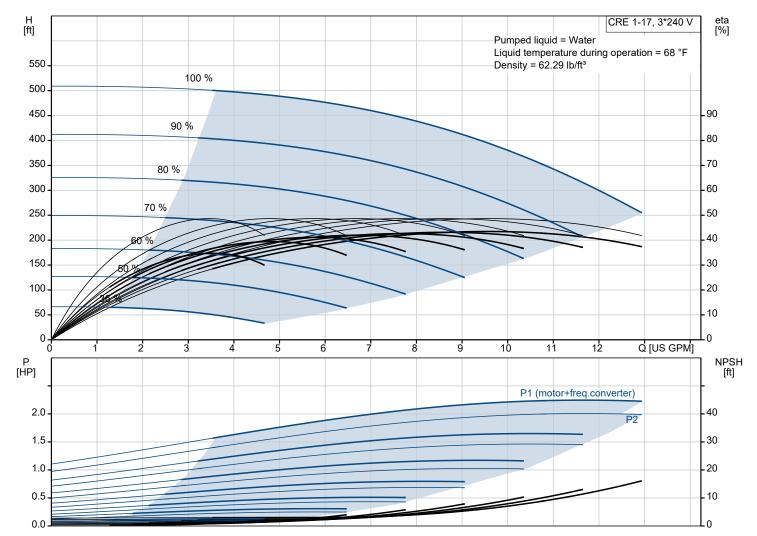


CRE 1-17 N-FGJ-A-E-HQQE

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)

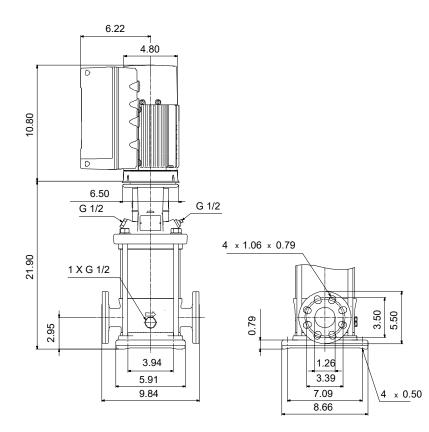
Note! Product picture may differ from actual product

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 104 °F HQQE 99389016	Rated power - P2: Rated voltage: Mains frequency: Enclosure class: Insulation class: Motor protection: Motor type: Eta 1/1:	2 HP 200-240 V 60 Hz IP55 F ELEC 90C 88.9 %



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	
1	Base:	Cast iron EN 1561 EN-GJL-200
		ASTM A48-25B
	Impeller:	Stainless steel
		EN 1.4301
		AISI 304
	Bearing:	SIC
	Installation:	
	t max amb:	104 °F
	Maximum operating pressure:	362.59 psi
	Max pressure at stated temp:	363 psi / 250 °F 363 psi / -4 °F
	Type of connection:	DIN / ANSI / JIS
	Size of inlet connection:	DN 25/32
	Size of outlet connection:	DN 25/32
	Pressure rating for connection:	
	Flange rating inlet:	250 lb
	Flange size for motor:	56C
1	Electrical data:	
1	Motor standard: Motor type:	NEMA 90C
1	IE Efficiency class:	IE5
1	Rated power - P2:	2 HP
	Power (P2) required by pump:	2 HP
	Mains frequency:	60 Hz
	Rated voltage:	3 x 200-240 V
	Service factor:	1.00
	Rated current:	5.40-4.60 A
	Cos phi - power factor:	0.92
	Rated speed:	360-4000 rpm
	Efficiency: Motor efficiency at full load:	88.9% 88.9 %
	Enclosure class (IEC 34-5):	IP55
	Insulation class (IEC 85):	F
	Motor No:	99301706
	Controls:	
	Frequency converter:	Built-in
	Pressure sensor:	Y
	Others:	
	Net weight:	84.3 lb
	Gross weight:	168 lb
	Shipping volume:	8.26 ft ³
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