

Submittal Data

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

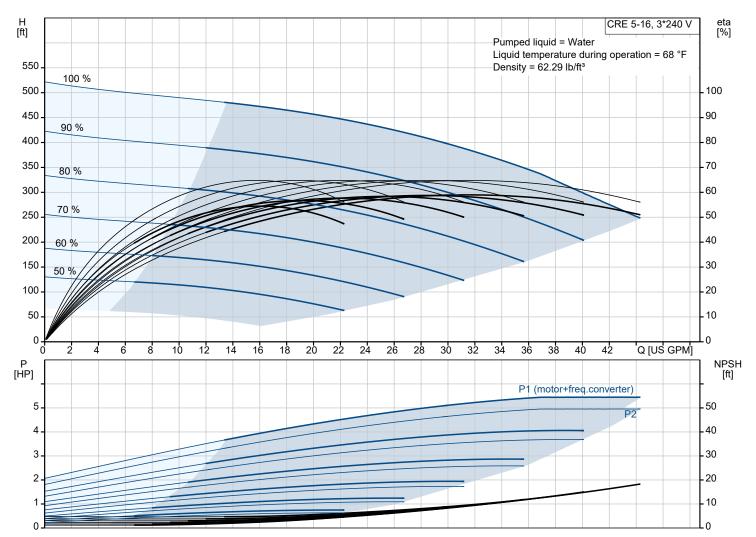


CRE 5-16 N-FGJ-A-E-HQQE

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)

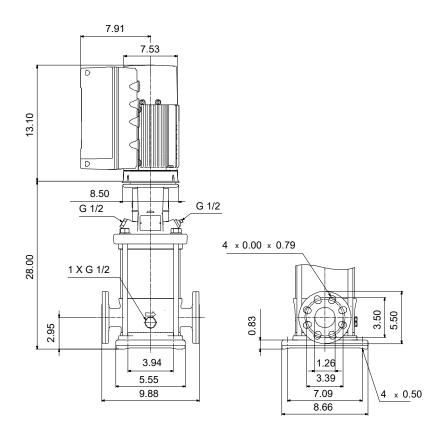
Note! Product picture may differ from actual product

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 99389089	Rated power - P2: Rated voltage: Mains frequency: Enclosure class: Insulation class: Motor protection: Motor type: Eta 1/1:	5 HP 200-240 V 60 Hz IP55 F ELEC 112C 90.9 %



Submittal Data

GRUNDFOS

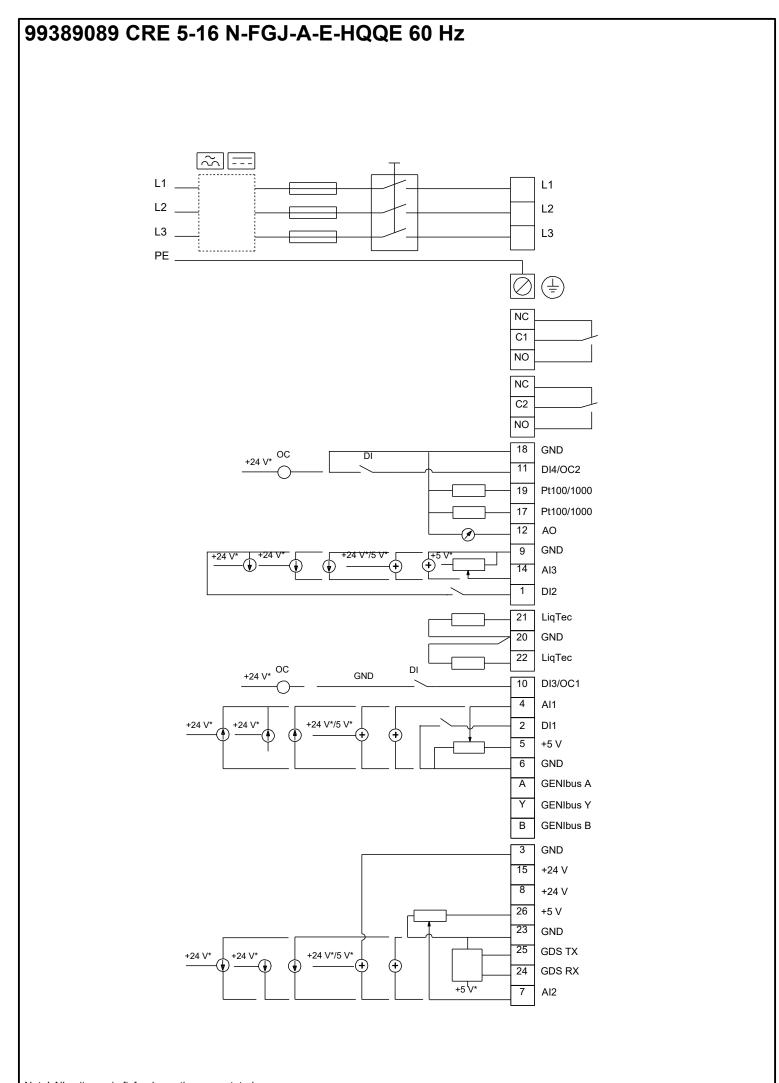


Materials:

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



	Description	
Qty.		•
	Base:	
		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:	PN 25
	Flange rating inlet:	250 lb
	Flange size for motor:	182TC
	Electrical data:	
	Motor standard:	NEMA
	Motor type:	112C
	IE Efficiency class:	IE5
	Rated power - P2:	5 HP
	Power (P2) required by pump:	5 HP
	Mains frequency:	60 Hz
	Rated voltage:	3 x 200-240 V
	Service factor: Rated current:	1.15 13.2-10.9 A
	Cos phi - power factor:	0.94
	Rated speed:	360-4000 rpm
	Efficiency:	90.9%
	Motor efficiency at full load:	90.9 %
	Enclosure class (IEC 34-5):	IP55
	Insulation class (IEC 85):	F
	Motor No:	99301701
	Controls:	
	Frequency converter:	Built-in
	Pressure sensor:	Υ
	Others:	
	Net weight:	116 lb
	Gross weight: Shipping volume:	200 lb 10.1 ft ³
		10.11
1		
1		
	1	



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