

## Submittal Data

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

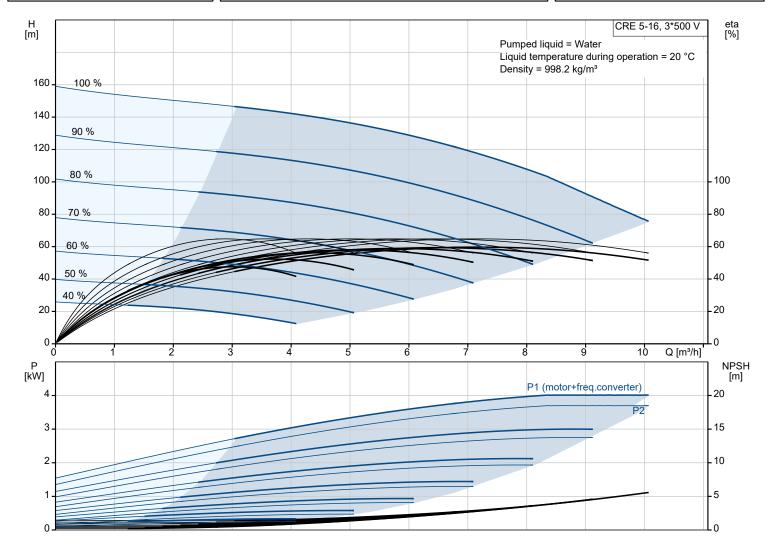


CRE 5-16 N-FGJ-A-E-HQQE

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)

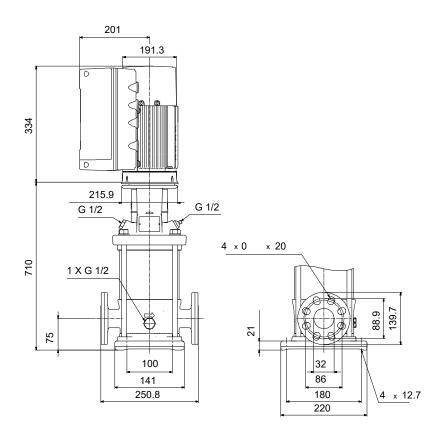
Note! Product picture may differ from actual product

Conditions of Service		Pump Data		Motor Data	
Liquid: Temperature: Specific Gravity:	Water 20 °C 1.000	Max pressure at stated temp: Liquid temperature range: Maximum ambient temperature: Shaft seal: Product number:	25 bar / 120 °C -20 120 °C 50 °C HQQE 99076109	Rated power - P2: Rated voltage: Mains frequency: Enclosure class: Insulation class: Motor protection: Motor type: Eta 1/1:	3.7 kW 440-480 V 60 Hz IP55 F ELEC 112C 92.5 %



## Submittal Data

## GRUNDFOS

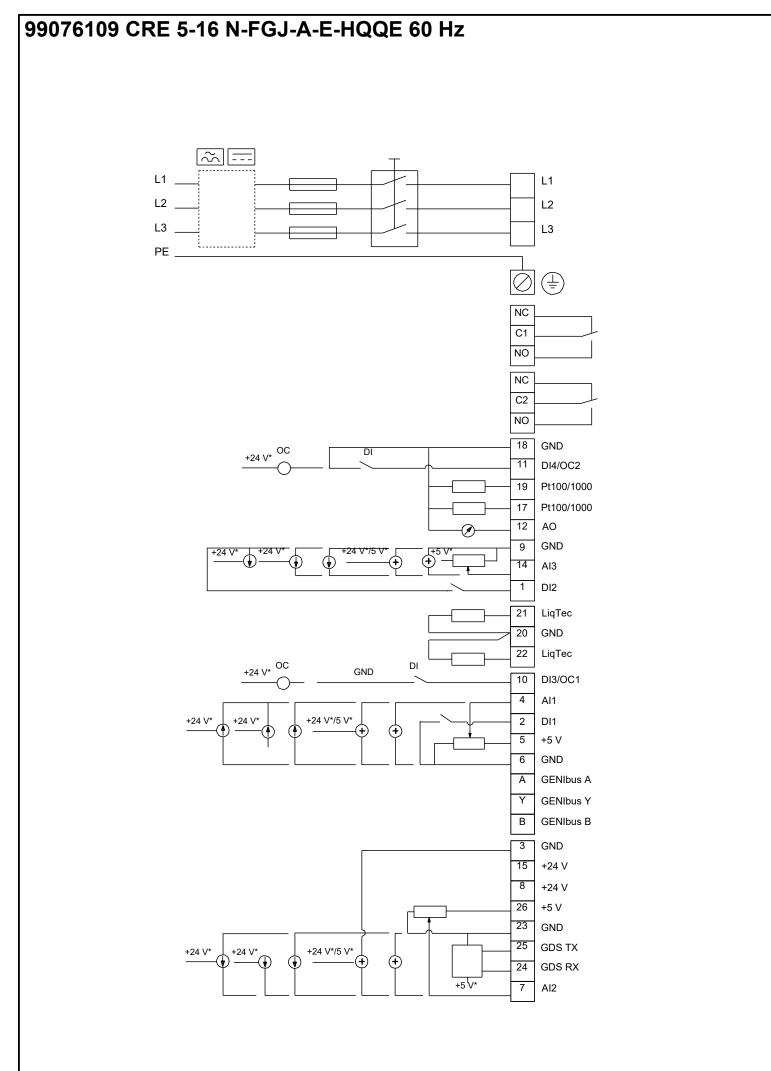


## Materials:

- Base:CaseBase:ENBase:ASTImpeller:StainImpeller:AISIImpeller:ENMaterial code:ACode for rubber:E
- Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel AISI 304 EN 1.4301 A



y.   Descri	ption	
Base:	-	Cast iron
		EN 1561 EN-GJL-200
		ASTM A48-25B
Impelle	r:	Stainless steel
'		EN 1.4301
		AISI 304
Bearing	<b>j</b> :	SIC
Installa	tion:	
t max a	imb:	50 °C
Maxim	um operating pressure:	25 bar
Max pr	essure at stated temp:	25 bar / 120 °C
		25 bar / -20 °C
	f connection:	DIN / ANSI / JIS
	inlet connection:	DN 25/32
	outlet connection:	DN 25/32
	re rating for connection:	
	rating inlet:	250 lb
Flange	size for motor:	182TC
	al data:	
	standard:	NEMA
Motor t		112C
	iency class:	IE5
	oower - P2:	3.7 kW
	(P2) required by pump:	3.7 kW
	requency:	60 Hz
	/oltage: e factor:	3 x 440-480 V
	current:	1.15 6.20-5.80 A
	i - power factor:	0.90-0.88
Rated		360-4000 rpm
Efficien		92.5%
Motor	efficiency at full load:	92.5 %
Enclos	ure class (IEC 34-5):	IP55
Insulati	on class (IEC 85):	F
Motor N		99256771
Control	s.	
	ncy converter:	Built-in
	re sensor:	Y
Others		
Net we	ight:	58.8 kg
Gross		67 kg
	ng volume:	0.285 m <sup>3</sup>



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