

## Submittal Data

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

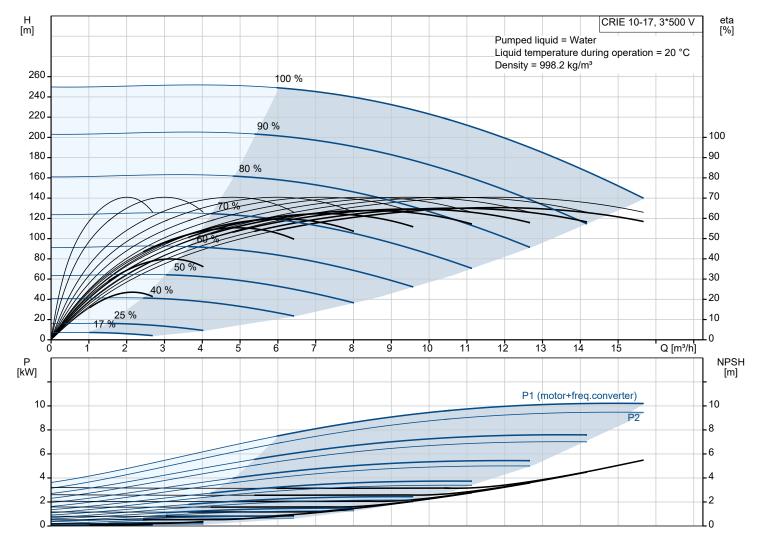


## CRIE 10-17 N-FGJ-A-E-HQQE

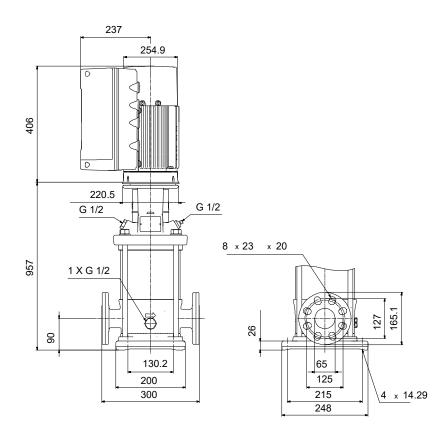
Vertical, multistage centrifugal pump with integrated frequency converter. Pump materials in contact with the liquid are in stainless steel (EN 1.4301)

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 99076383	Rated power - P2: Rated voltage: Mains frequency: Enclosure class: Insulation class: Motor protection: Motor type: Eta 1/1:	11 kW 440-480 V 60 Hz IP55 F ELEC 160H 93.2 %



## 

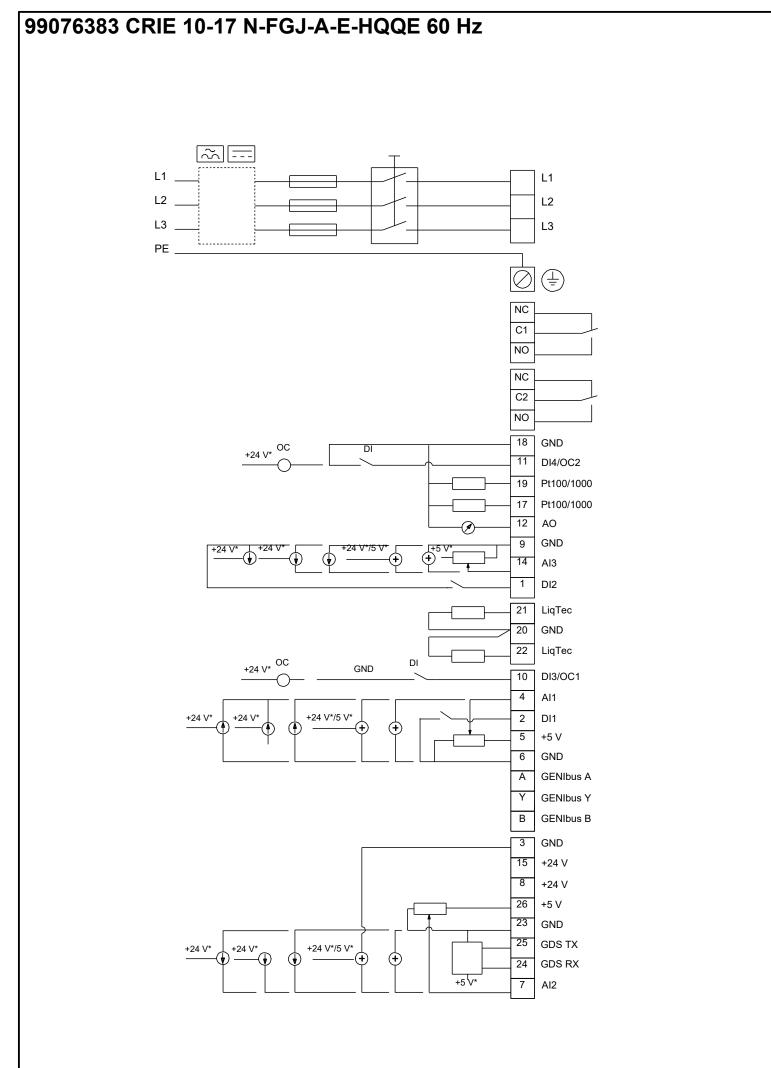


## Materials:

Base:	Stainless steel
Base:	EN 1.4408
Base:	AISI 316
Impeller:	Stainless steel
Impeller:	AISI 304
Impeller:	EN 1.4301
Material code:	А
Code for rubber:	E



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Qty.	Description	
	Materials:	
	Base:	Stainless steel
		EN 1.4408
		AISI 316
	Impeller:	Stainless steel
		EN 1.4301
		AISI 304
	Bearing:	SIC
	Installation:	
	t max amb:	50 °C
	Maximum operating pressure:	25 bar
	Max pressure at stated temp:	25 bar / 120 °C
		25 bar / -20 °C
	Type of connection:	DIN / 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
	5	
1	Electrical data:	
	Motor standard:	NEMA
	Motor type:	160H
	IE Efficiency class:	IE5
	Rated power - P2:	11 kW
	Power (P2) required by pump:	11 kW
	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):	93.2 % IP55
		F
	Insulation class (IEC 85):	
	Motor No:	99256777
	Controls:	
	Frequency converter: Pressure sensor:	Built-in Y
	Pressure sensor:	ř
	Othermore	
	Others:	0.40
	DOE Pump Energy Index VL:	0.40
	Net weight:	113 kg
	Gross weight:	165 kg
	Shipping volume:	0.488 m <sup>3</sup>
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Note! All units are in [mm] unless others are stated.