

## Submittal Data

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

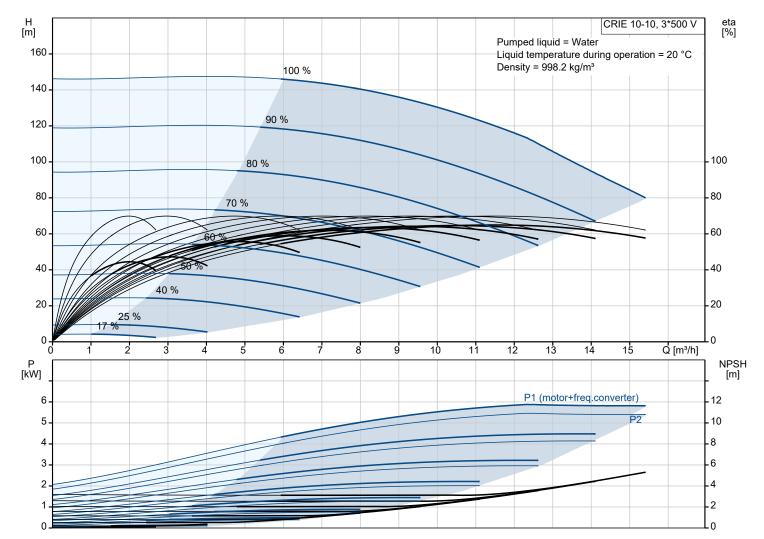


## CRIE 10-10 N-CA-A-E-HQQE

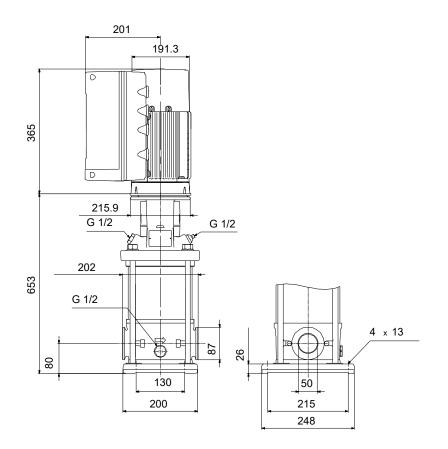
Vertical, multistage centrifugal pump with integrated frequency converter. Pump materials in contact with the liquid are in stainless steel (EN 1.4301)

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:	16 bar / 120 °C -20 120 °C 50 °C HQQE 99076178	Rated power - P2: Rated voltage: Mains frequency: Enclosure class: Insulation class: Motor protection: Motor type: Eta 1/1:	5.5 kW 440-480 V 60 Hz IP55 F ELEC 132E 92.4 %





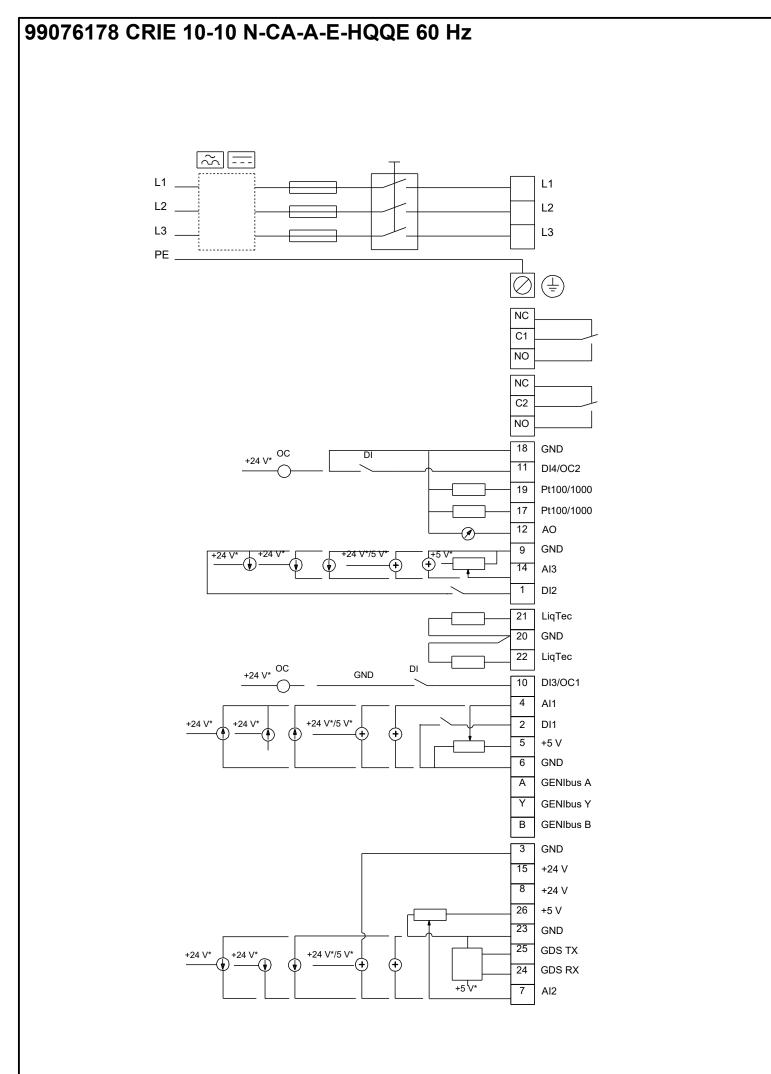


Materials:	Ν	VI	а	te	ri	а	ls	:
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Base:	Stainless steel
Base:	EN 1.4408
Base:	AISI 316
Impeller:	Stainless steel
Impeller:	AISI 304
Impeller:	EN 1.4301
Material code:	А
Code for rubber:	E



0.5	Description	
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:	16 bar
	Max pressure at stated temp:	16 bar / 120 °C
		16 bar / -20 °C
	Type of connection:	FlexiClamp
	Size of inlet connection:	DN 50
	Size of outlet connection:	DN 50
	Pressure rating for connection:	PN 25
	Flange size for motor:	213TC
	Electrical data:	
	Motor standard:	NEMA
	Motor type:	132E
	IE Efficiency class:	IE5
	Rated power - P2:	5.5 kW
	Power (P2) required by pump:	5.5 kW
	Mains frequency:	60 Hz
	Rated voltage:	3 x 440-480 V
	Service factor:	1.15
	Rated current:	9.10-8.50 A
	Cos phi - power factor:	0.91-0.89
	Rated speed:	360-4000 rpm
	Efficiency:	92.4%
	Motor efficiency at full load:	92.4 %
	Enclosure class (IEC 34-5):	IP55
	Insulation class (IEC 85):	F
	Motor No:	99256773
	Controls:	
	Frequency converter:	Built-in
	Pressure sensor:	Y
	Others:	
	DOE Pump Energy Index VL:	0.40
	Net weight:	77 kg
	Gross weight:	87 kg
	Shipping volume:	0.285 m <sup>3</sup>



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