

Submittal Data

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

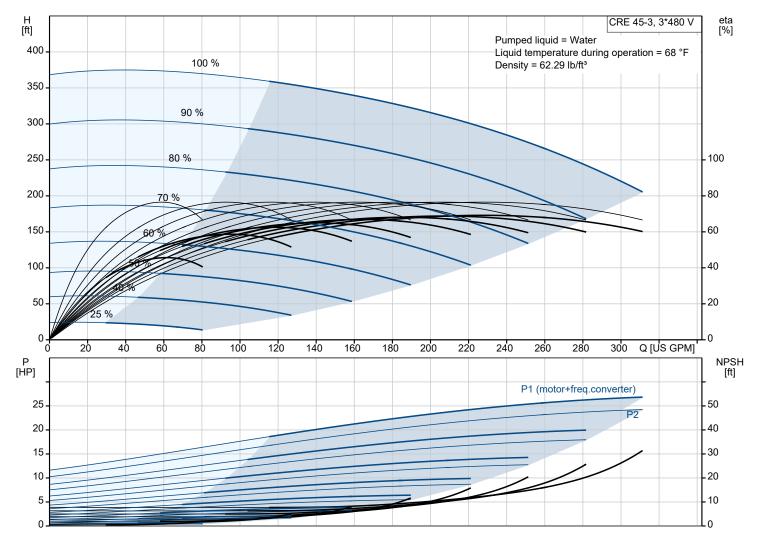


CRE 45-3 N-G-A-E-HQQE

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)

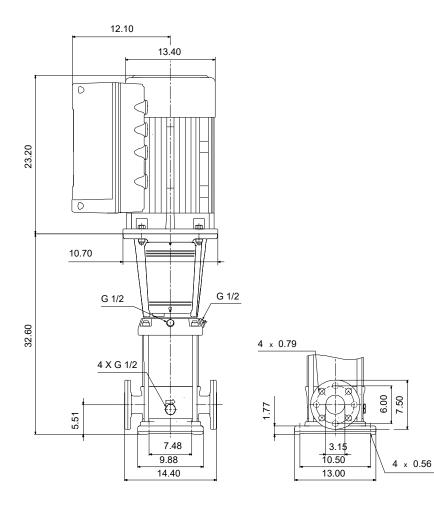
Note! Product picture may differ from actual product

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:	232 psi / 250 °F -22 248 °F 104 °F HQQE 98183642	Rated power - P2: Rated voltage: Mains frequency: Enclosure class: Insulation class: Motor protection: Motor type: Eta 1/1:	25 HP 460 V 60 Hz IP55 F YES 160AC 91.7 %





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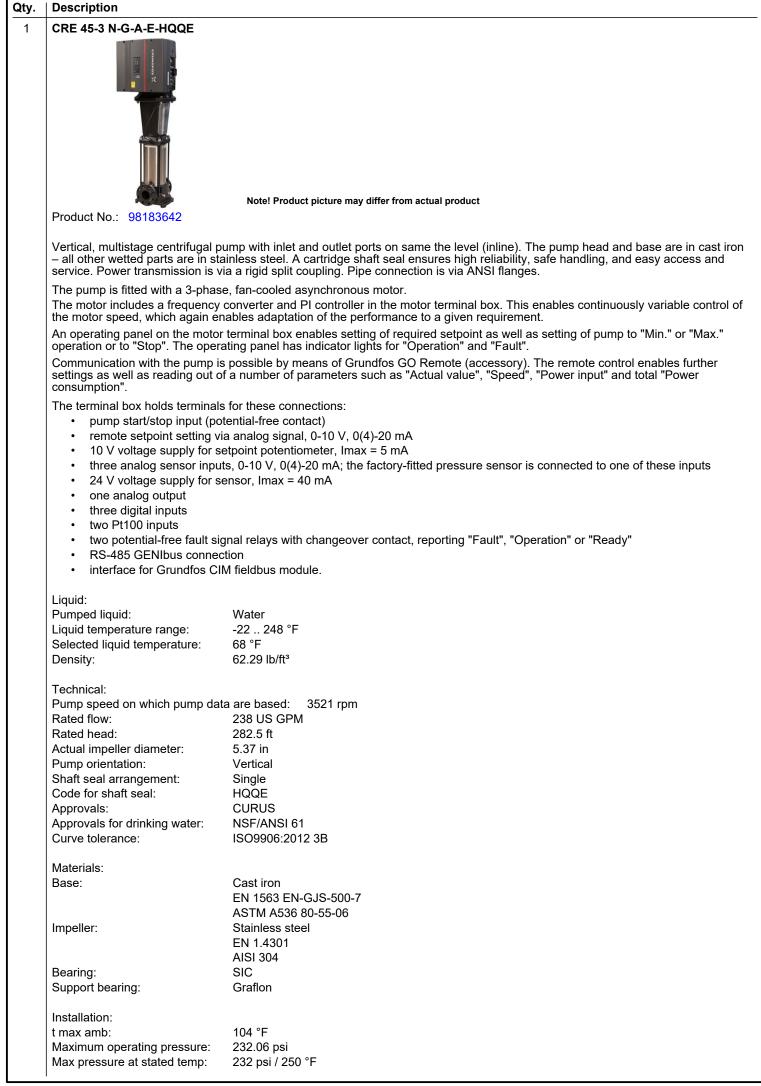


Materials:

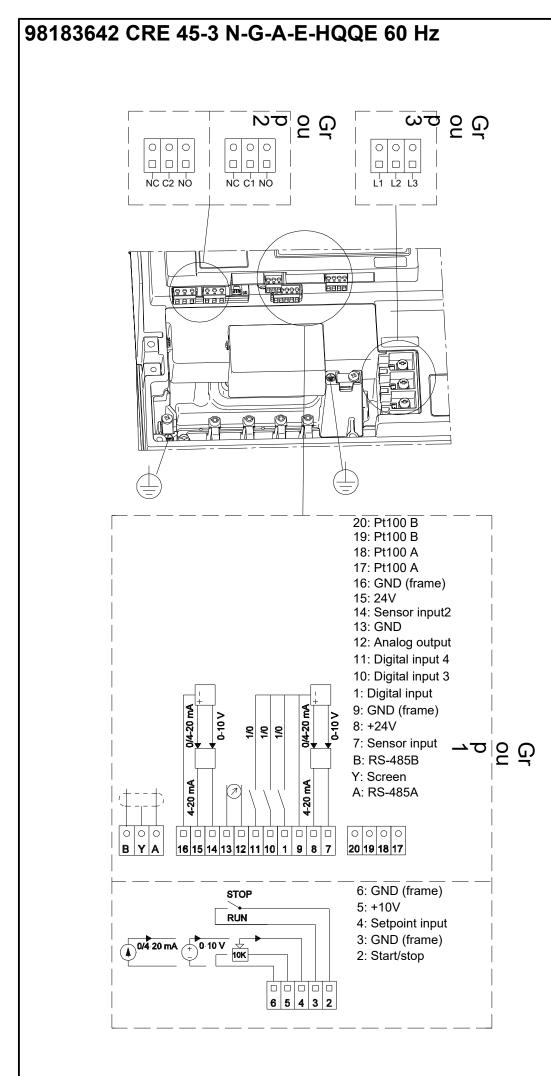
Base: Base: Base: Impeller: Impeller: Impeller: Material code: Code for rubber:

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Cast iron EN 1563 EN-GJS-500-7 ASTM A536 80-55-06 Stainless steel AISI 304 EN 1.4301 A



Qty.	Description	
		232 psi / -22 °F
	Type of connection:	ANSI
	Size of inlet connection:	3 inch
	Size of outlet connection:	3 inch
	Pressure rating for connection:	PN 16
	Flange rating inlet:	150 lb
	Flange size for motor:	284TC
	Electrical data:	
	Motor standard:	NEMA
	Motor type:	160AC
	IE Efficiency class:	NEMA Premium / IE3 60Hz
	Rated power - P2:	25 HP
	Power (P2) required by pump:	25 HP
	Mains frequency:	60 Hz
	Rated voltage:	3 x 460 V
	Service factor:	1.15
	Rated current:	30.5 A
	Cos phi - power factor:	0.88
	Rated speed:	480-3540 rpm
	Efficiency:	IE3 91,7%
	Motor efficiency at full load:	91.7 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	IP55
	Insulation class (IEC 85):	F
	Motor No:	85901138
	Controls:	
	Frequency converter:	Built-in
	Pressure sensor:	Y
	Others:	
	DOE Pump Energy Index VL:	0.46
	Net weight:	471 lb
	Gross weight:	489 lb
	Shipping volume:	29 ft ³
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Note! All units are in [in] unless others are stated.