

Submittal Data

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

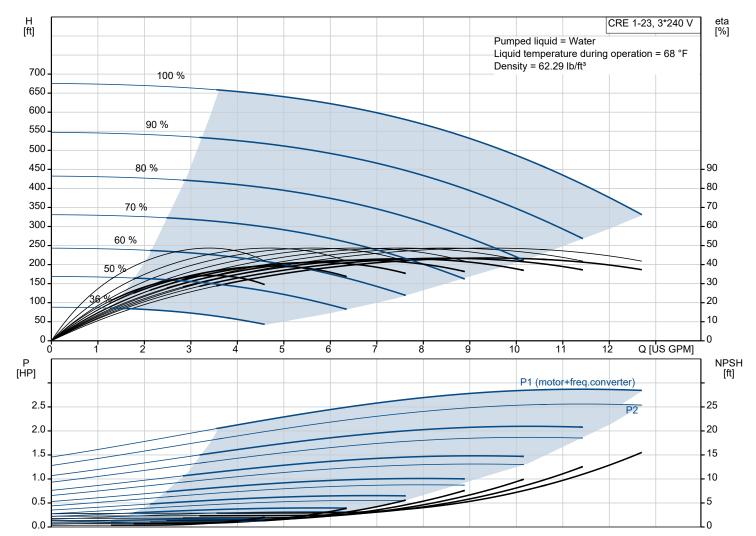


CRE 1-23 N-FGJ-A-E-HQQE

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)

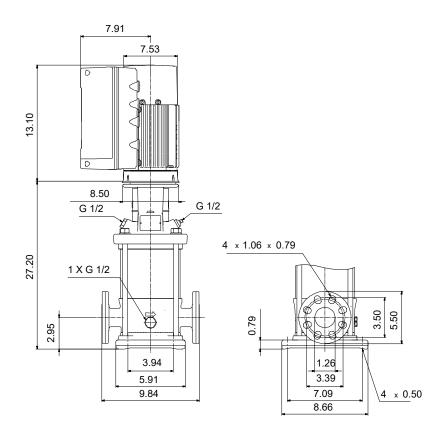
Note! Product picture may differ from actual product

| 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 99389017 | Rated power - P2: Rated voltage: Mains frequency: Enclosure class: Insulation class: Motor protection: Motor type: Eta 1/1: | 3 HP 200-240 V 60 Hz IP55 F ELEC 100A 88.7 % |



Submittal Data

GRUNDFOS

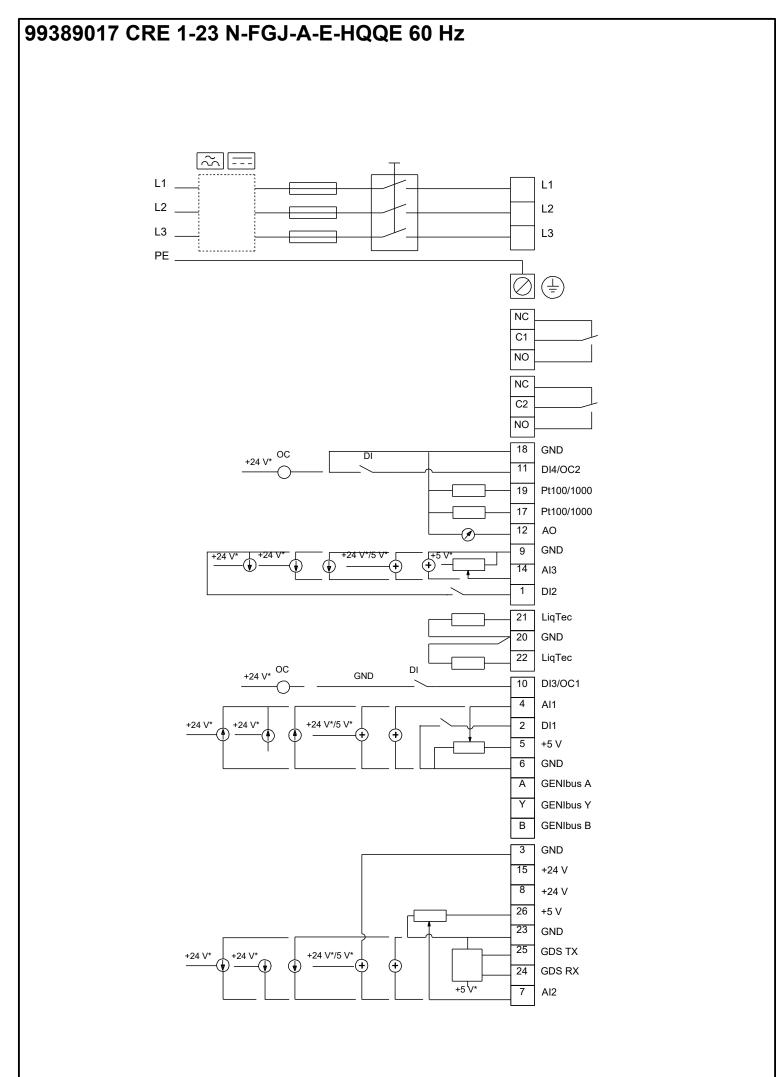


Materials:

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



| Otv | Description | |
|------|---|-------------------------------------|
| Qty. | | |
| | Base: | Cast iron |
| | | 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: | 100A |
| | IE Efficiency class: | IE5 |
| | Rated power - P2: | 3 HP |
| | Power (P2) required by pump: | 3 HP |
| | Mains frequency: | 60 Hz |
| | Rated voltage: | 3 x 200-240 V |
| | Service factor: | 1.15 |
| | Rated current: | 7.90-6.60 A |
| | Cos phi - power factor: Rated speed: | 0.94 360-4000 rpm |
| | Efficiency: | 88.7% |
| | Motor efficiency at full load: | 88.7 % |
| | Enclosure class (IEC 34-5): | IP55 |
| | Insulation class (IEC 85): | F |
| | Motor No: | 99302693 |
| | Controls: | |
| | Frequency converter: | Built-in |
| | Pressure sensor: | Y |
| | | |
| | Others: | |
| | Net weight: | 110 lb |
| | Gross weight: Shipping volume: | 194 lb 10.1 ft³ |
| | | 10.111 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |



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