
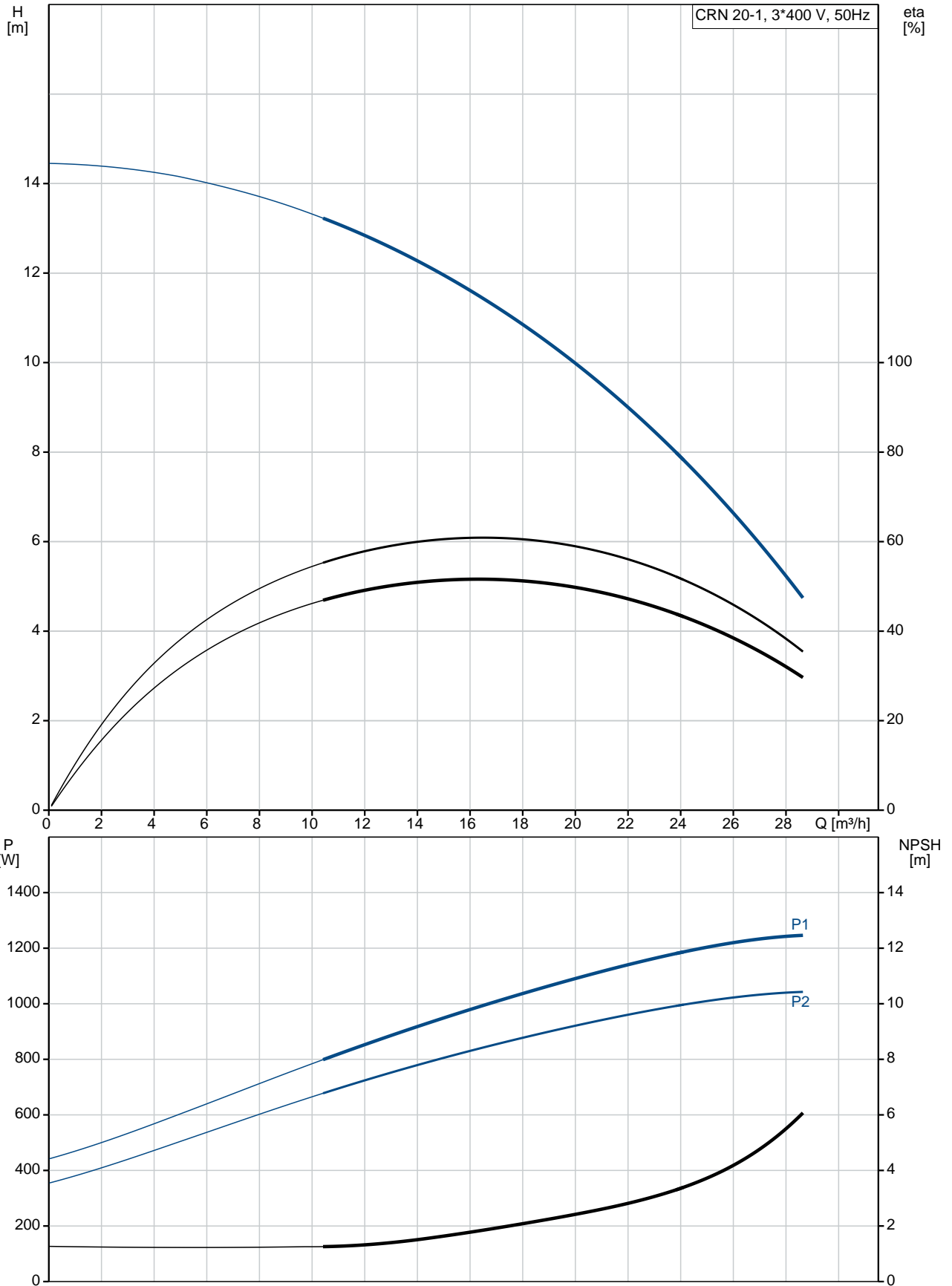


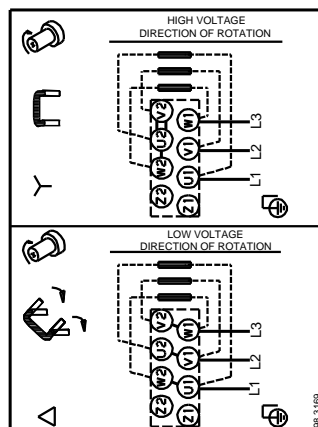
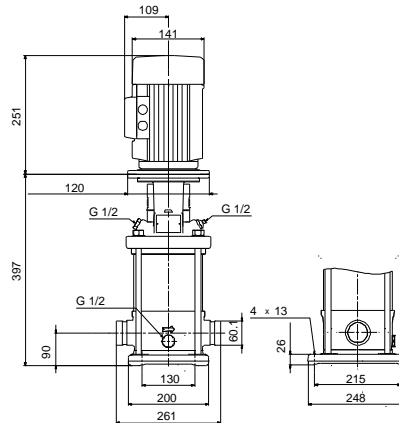
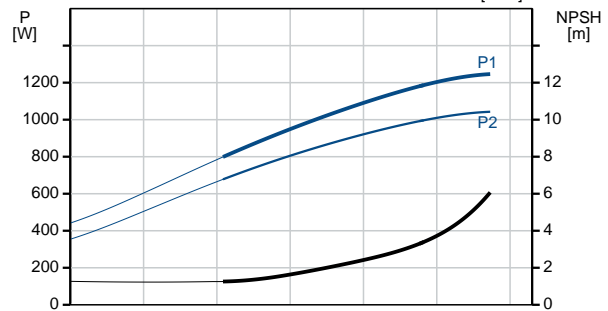
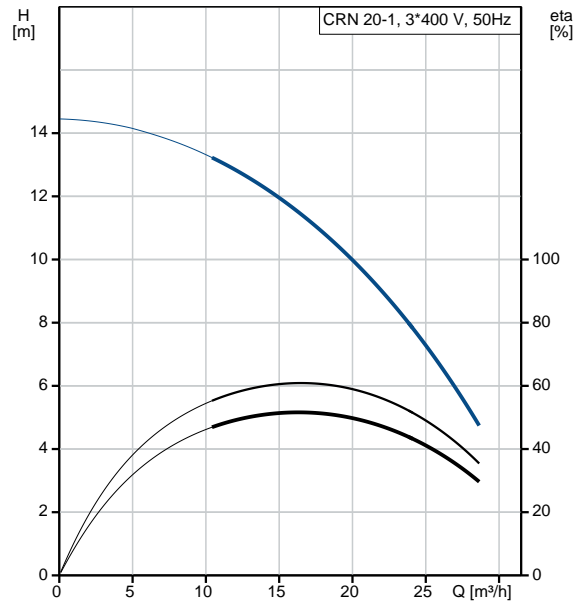
| Qty. | Description |
|------|---|
| 1 | <p data-bbox="199 336 502 369">CRN 20-1 A-P-A-E-HQQE</p>  <p data-bbox="199 660 470 694">Product No.: 96500381</p> <p data-bbox="199 716 1460 817">Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via PJE (Victaulic®) couplings.</p> <p data-bbox="199 862 933 896">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="199 918 319 952">Controls:</p> <p data-bbox="199 952 638 985">Frequency converter: NONE</p> <p data-bbox="199 1008 295 1041">Liquid:</p> <p data-bbox="199 1041 638 1075">Pumped liquid: Water</p> <p data-bbox="199 1075 710 1108">Liquid temperature range: -20 .. 120 °C</p> <p data-bbox="199 1108 694 1142">Liquid temperature during operation: 20 °C</p> <p data-bbox="199 1142 702 1176">Density: 998.2 kg/m³</p> <p data-bbox="199 1198 327 1232">Technical:</p> <p data-bbox="199 1232 821 1265">Pump speed on which pump data are based: 2853 rpm</p> <p data-bbox="199 1265 654 1299">Rated flow: 21 m³/h</p> <p data-bbox="199 1299 630 1332">Rated head: 9.9 m</p> <p data-bbox="199 1332 654 1366">Pump orientation: Vertical</p> <p data-bbox="199 1366 638 1400">Shaft seal arrangement: Single</p> <p data-bbox="199 1400 638 1433">Code for shaft seal: HQQE</p> <p data-bbox="199 1433 726 1467">Approvals on nameplate: CE, EAC, ACS</p> <p data-bbox="199 1467 766 1500">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1523 327 1556">Materials:</p> <p data-bbox="199 1556 726 1590">Base: Stainless steel</p> <p data-bbox="566 1590 686 1624">EN 1.4408</p> <p data-bbox="566 1624 662 1657">AISI 316</p> <p data-bbox="199 1657 726 1691">Impeller: Stainless steel</p> <p data-bbox="566 1691 686 1724">EN 1.4401</p> <p data-bbox="566 1724 662 1758">AISI 316</p> <p data-bbox="199 1758 614 1792">Bearing: SIC</p> <p data-bbox="199 1814 343 1848">Installation:</p> <p data-bbox="199 1848 630 1881">Maximum ambient temperature: 60 °C</p> <p data-bbox="199 1881 638 1915">Maximum operating pressure: 25 bar</p> <p data-bbox="199 1915 742 1948">Max pressure at stated temp: 25 bar / 120 °C</p> <p data-bbox="566 1948 742 1982">25 bar / -20 °C</p> <p data-bbox="199 1982 614 2016">Type of connection: PJE</p> <p data-bbox="199 2016 638 2049">Size of inlet connection: DN 50</p> <p data-bbox="566 2049 638 2083">2 inch</p> <p data-bbox="199 2083 638 2116">Size of outlet connection: DN 50</p> <p data-bbox="566 2116 638 2150">2 inch</p> <p data-bbox="199 2150 686 2184">Pressure rating for pipe connection: PN 50</p> <p data-bbox="199 2184 638 2217">Flange size for motor: FT100</p> |

| Qty. | Description |
|------|--|
| | <p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 80C</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 1.1 kW</p> <p>Power (P2) required by pump: 1.1 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 4.35/2.50 A</p> <p>Starting current: 450-500 %</p> <p>Cos phi - power factor: 0.83-0.76</p> <p>Rated speed: 2840-2870 rpm</p> <p>Efficiency: IE3 82,7%</p> <p>Motor efficiency at full load: 82.7 %</p> <p>Motor efficiency at 3/4 load: 84.6 %</p> <p>Motor efficiency at 1/2 load: 85.4 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): 55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p>Others:</p> <p>Minimum efficiency index, MEI $\hat{\alpha}\%$: 0.70</p> <p>Net weight: 34 kg</p> <p>Gross weight: 38 kg</p> <p>Shipping volume: 0.094 m³</p> <p>Danish VVS No.: 385915010</p> <p>Country of origin: GB</p> <p>Custom tariff no.: 84137075</p> |

96500381 CRN 20-1 A-P-A-E-HQQE 50 Hz



| Description | Value |
|--|--|
| General information: | |
| Product name: | CRN 20-1 A-P-A-E-HQQE |
| Product No: | 96500381 |
| EAN number: | 5700396200583 |
| Price: | 1.425,00 GBP |
| Technical: | |
| Pump speed on which pump data are based: | 2853 rpm |
| Rated flow: | 21 m ³ /h |
| Rated head: | 9.9 m |
| Head max: | 14 m |
| Stages: | 2 |
| Impellers: | 1 |
| Number of reduced-diameter impellers: | 0 |
| Low NPSH: | N |
| Pump orientation: | Vertical |
| Shaft seal arrangement: | Single |
| Code for shaft seal: | HQQE |
| Approvals on nameplate: | CE, EAC, ACS |
| Curve tolerance: | ISO9906:2012 3B |
| Pump version: | A |
| Model: | A |
| Materials: | |
| Base: | Stainless steel EN 1.4408 AISI 316 |
| Impeller: | Stainless steel EN 1.4401 AISI 316 |
| Material code: | A |
| Code for rubber: | E |
| Bearing: | SIC |
| Installation: | |
| Maximum ambient temperature: | 60 °C |
| Maximum operating pressure: | 25 bar |
| Max pressure at stated temp: | 25 bar / 120 °C 25 bar / -20 °C |
| Type of connection: | PJE |
| Size of inlet connection: | DN 50 2 inch |
| Size of outlet connection: | DN 50 2 inch |
| Pressure rating for pipe connection: | PN 50 |
| Flange size for motor: | FT100 |
| Connect code: | P |
| Liquid: | |
| Pumped liquid: | Water |
| Liquid temperature range: | -20 .. 120 °C |
| Liquid temperature during operation: | 20 °C |
| Density: | 998.2 kg/m ³ |
| Electrical data: | |
| Motor standard: | IEC |
| Motor type: | 80C |
| IE Efficiency class: | IE3 |
| Rated power - P2: | 1.1 kW |
| Power (P2) required by pump: | 1.1 kW |
| Mains frequency: | 50 Hz |





Company name:

Created by:

Phone:

Date:

12/03/2019

| Description | Value |
|----------------------------------|----------------------------|
| Rated voltage: | 3 x 220-240D/380-415Y V |
| Rated current: | 4.35/2.50 A |
| Starting current: | 450-500 % |
| Cos phi - power factor: | 0.83-0.76 |
| Rated speed: | 2840-2870 rpm |
| Efficiency: | IE3 82,7% |
| Motor efficiency at full load: | 82.7 % |
| Motor efficiency at 3/4 load: | 84.6 % |
| Motor efficiency at 1/2 load: | 85.4 % |
| Number of poles: | 2 |
| Enclosure class (IEC 34-5): | 55 Dust/Jetting |
| Insulation class (IEC 85): | F |
| Motor protec: | NONE |
| Motor No: | 85U05105 |
| Controls: | |
| Frequency converter: | NONE |
| Others: | |
| Minimum efficiency index, MEI %: | 0.70 |
| Net weight: | 34 kg |
| Gross weight: | 38 kg |
| Shipping volume: | 0.094 m ³ |
| Danish VVS No.: | 385915010 |
| Country of origin: | GB |
| Custom tariff no.: | 84137075 |