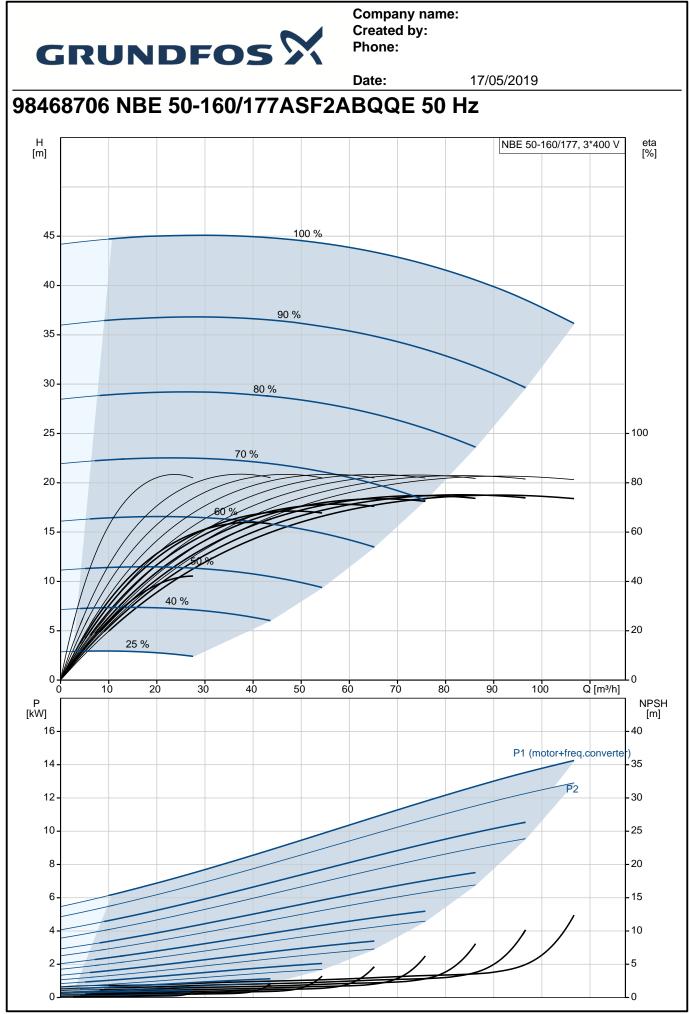
| Installation: Date: 17/05/2019 typ: Description NBE 50-160/177ASF2AEQQE Image: State of the state of | | GRUNDFO | os 🕅 | Company n Created by: Phone: | | | | |
|--|-----|-----------------------------------|---|---|--|--|--|--|
| 1 NBE 50-160/177ASF2ABQQE Image: Second S | | | | | 17/05/2019 | | | |
| Number of the second state of the s | ty. | Description | | | | | | |
| Product No.: 98468706 Non-self-priming, single-stage, centrifugal volute pump designed according to ISO 5199 with dimensions and 1 performance according to EN 1733 (10 bar). Flanges are PN 16 with dimensions according to EN 1092-2. The pump has an axial suction port, radial dische without disturbing the pump housing or pipework. The unbalanced rubber bellows seal is according to DN EN 12756. The pump is close-coupled to a fan-cooled asynchronous motor. The motor includes a frequency converter and P to controller in the motor terminal box. This enables continuous variable control of the motor speed, which again enables adaptation of the performance to a given requirement Controls: Frequency converter: Built-in Liquid temperature range: -25. 120 °C Selected liquid temperature: 20 °C Density at selected liquid temperature: 982. kg/m³ Technical: Pump seled on which pump data are based: Pump seled on which pump data are based: 2930 rpm Rated flow: 94.4 m³/h Rated flow: 94.4 m³/h Rated flow: 94.4 m³/h Rated flow: 94.4 m³/h Rated head: 38.3 m Actual impeller diameter: 177 mm Nominal impeller diameter: 160 mm Shaft seal: | 1 | NBE 50-160/177ASF2ABQQE | | | | | | |
| Product No.: 98468706 Non-self-priming, single-stage, centrifugal volute pump designed according to ISO 5199 with dimensions and i performance according to EN 1733 (10 bar). Flanges are PN 16 with dimensions according to EN 1092-2. The pump has an axial suction port, radial dische pump tousing or pipevork. The unbalanced rubber bellows seal is according to EN 1092-2. The pump has an axial suction port, radial dische pump housing or pipevork. The unbalanced rubber bellows seal is according to DIN EN 12756. The pump is close-coupled to a fan-cooled asynchronous motor. The motor includes a frequency converter and PL controller in the motor terminal box. This enables continuous variable control of the motor speed, which again enables adaptation of the performance to a given requirement Controls: Frequency converter: Built-in Liquid: Water Liquid temperature range: -25120 °C Selected liquid temperature: 998.2 kg/m ³ Technical: Pump speed on which pump data are based: 2930 rpm Rated flow: 94.4 m?/h Rated head: 38.38 m Actual impeller diameter: 177 mm Norminal impeller diameter: 160 mm Shaft seal arrangement: Single Code for shaft seal BQOE Curve tolerance: I | | | | | | | | |
| Non-self-priming, single-stage, centrifugal volute pump designed according to ISO 5199 with dimensions and i performance according to EN 733 (10 bar). Flanges are PN 16 with dimensions according to EN 1092-2. The pump has an axial suction port, radial dische port, horizontal shaft and a back pull-out design enabling removal of the motor, motor stool, cover and impelle without disturbing the pump housing or pipework. The unbalanced rubber bellows seal is according to DIN EN 12756. The motor includes a frequency converter and PI controller in the motor terminal box. This enables continuous variable control of the motor speed, which again enables adaptation of the performance to a given requirement variable control of the motor speed, which again enables adaptation of the performance to a given requirement. Controls: Frequency converter: Built-in Liquid temperature: 20 °C Selected liquid temperature: 29 °C Density at selected liquid temperature: 99.2 kg/m³ Technical: Pump speed on which pump data are based: Pump speed on which pump data are based: 2930 rpm Rated flow: 94.4 m?h Rate head: 38.38 m Actual impeller diameter: 160 rmm Shaft seal arrangement: Single Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Materials: Pump housing: | | | Note! Product | t picture may differ from a | ctual product | | | |
| performance according to EN 733 (10 bar). Flanges are PN 16 with dimensions according to EN 1092-2. The pump has an axial suction port, radial disch port, horizontal shaft and a back pull-out design enabling removal of the motor, motor stool, cover and impelle without disturbing the pump housing or pipework. The unbalanced rubber bellows seal is according to DIN EN 12756. The pump is close-coupled to a fan-cooled asynchronous motor. The motor includes a frequency converter and PI controller in the motor terminal box. This enables continuous variable control of the motor speed, which again enables adaptation of the performance to a given requirement Controls: Frequency converter: Built-in Liquid temperature range: -25120 °C Selected liquid temperature: 20 °C Density at selected liquid temperature: 99.2 kg/m³ Technical: Pumps data are based: 2930 rpm Rated head: 38.38 m Actual impeller diameter: 107 rm Norinal impeller diameter: 177 mm Norinal impeller diameter: 160 rm Shaft seal arrangement: Single Code for shaft seal: BQQE Cuve tolerance: ISO9906:2012 3B Materials: Pump housing: Pump housing: Cast iron <t< td=""><td></td><td>Product No.: 98468706</td><td></td><td></td><td></td></t<> | | Product No.: 98468706 | | | | | | |
| port, horizontal shaft and a back pull-out design enabling removal of the motor, motor stool, cover and impelle without disturbing the pump housing or pipework. The unbalanced rubber bellows seal is according to DIN EN 12756. The pump is close-coupled to a fan-cooled asynchronous motor. The motor includes a frequency converter and PL controller in the motor terminal box. This enables continuous variable control of the motor speed, which again enables adaptation of the performance to a given requirement Controls: Frequency converter: Built-in Liquid: Pumped liquid: Water Using the imperature: 20 °C Density at selected liquid temperature: 998.2 kg/m³ Technical: Pump speed on which pump data are based: 2930 rpm Rated head: 38.38 m Actual impeller diameter: 177 mm Nominal impeller diameter: 160 mm Shaft seal arrangement: Single Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 | | performance according to EN 73 | 33 (10 bar). | | - | | | |
| The pump is close-coupled to a fan-cooled asynchronous motor. The motor includes a frequency converter and PI controller in the motor terminal box. This enables continuous variable control of the motor speed, which again enables adaptation of the performance to a given requirement Controls: Frequency converter: Built-in Liquid: Pumped liquid: Water Liquid temperature range: -25120 °C Selected liquid temperature: 20 °C Density at selected liquid temperature: 998.2 kg/m ³ Technical: Pump speed on which pump data are based: 2930 rpm Rated flow: 94.4 m³/h Rated flow: 94.4 m | | port, horizontal shaft and a back | pull-out design | enabling removal of | the motor, motor stool, cover and impeller | | | |
| The inotic includes a frequency converter and PI controller in the motor terminal box. This enables continuous variable control of the motor speed, which again enables adaptation of the performance to a given requirement Controls: Frequency converter: Built-in Liquid temperature range: -25., 120 °C Selected liquid temperature: 20 °C Density at selected liquid temperature: 98.2 kg/m³ Technical: Pump speed on which pump data are based: 2930 rpm Rated flow: 94.4 m³/h Rated head: 38.38 m Actual impeller diameter: 177 mm Nominal impeller diameter: 160 mm Shaft seal arrangement: Single Code for shaft seal: BQQE Curve tolerance: ISO906:2012 3B Materials: Pump housing: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Vear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AIS1 304 | | | | | | | | |
| variable control of the motor speed, which again enables adaptation of the performance to a given requirement Controls: Frequency converter: Built-in Liquid: Pumped liquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 90 °C Density at selected liquid temperature: 998.2 kg/m³ Technical: Pump speed on which pump data are based: 2930 rpm Rated flow: 94.4 m³/h Rated head: 38.38 m Actual impeller diameter: 177 mm Nominal impeller diameter: 160 mm Shaft seal arrangement: Single Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | | | | | | |
| Frequency converter: Built-in Liquid: Water Pumped liquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density at selected liquid temperature: 998.2 kg/m³ Technical: | | variable control of the motor spe | converter and led, which again | PI controller in the mo n enables adaptation | of the performance to a given requirement. | | | |
| Liquid: Water Liquid temperature range: -25120 °C Selected liquid temperature: 20 °C Density at selected liquid temperature: 998.2 kg/m³ Technical: Pump speed on which pump data are based: 2930 rpm Rated flow: 94.4 m³/h Rated flow: 94.4 m³/h Rated flow: 94.4 m³/h Rated flow: 94.4 m³/h Nater light 38.38 m Actual impeller diameter: 177 mm Nominal impeller diameter: 160 mm Shaft seal arrangement: Single Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | | | | | | |
| Pumped liquid: Water Liquid temperature range: -25120 °C Selected liquid temperature: 20 °C Density at selected liquid temperature: 998.2 kg/m³ Technical: Pump speed on which pump data are based: 2930 rpm Rated flow: 94.4 m³/h Rated flow: 94.4 m³/h Rated head: 38.38 m Actual impeller diameter: 177 mm Nominal impeller diameter: 170 mm Shaft seal arrangement: Single Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | Frequency converter: | Built-in | | | | | |
| Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density at selected liquid temperature: 998.2 kg/m ³ Technical: Pump speed on which pump data are based: 2930 rpm Rated flow: 94.4 m ³ /h Rated head: 38.38 m Actual impeller diameter: 177 mm Nominal impeller diameter: 160 mm Shaft seal arrangement: Single Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 4.301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum ambient temperature: 40 °C | | Liquid: | | | | | | |
| Selected liquid temperature: 20 °C Density at selected liquid temperature: 998.2 kg/m³ Technical: Pump speed on which pump data are based: 2930 rpm Rated flow: 94.4 m³/h Rated head: 38.38 m Actual impeller diameter: 177 mm Nominal impeller diameter: 160 mm Shaft seal arrangement: Single Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Statiless steel EN-IL-200 ASTM class 30 Shaft: Statiless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | Water | | | | | |
| Density at selected liquid temperature: 998.2 kg/m³ Technical: Pump speed on which pump data are based: 2930 rpm Rated flow: 94.4 m³/h Rated flow: 94.4 m³/h Rated head: 38.38 m Actual impeller diameter: 177 mm Nominal impeller diameter: 160 mm Shaft seal arrangement: Single Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | | | | | | |
| Technical: Pump speed on which pump data are based: 2930 rpm Rated flow: 94.4 m³/h Rated head: 38.38 m Actual impeller diameter: 177 mm Nominal impeller diameter: 160 mm Shaft seal arrangement: Single Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | | | | | | |
| Pump speed on which pump data are based: 2930 rpm Rated flow: 94.4 m³/h Rated head: 38.38 m Actual impeller diameter: 177 mm Nominal impeller diameter: 160 mm Shaft seal arrangement: Single Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | Density at selected liquid tempe | Density at selected liquid temperature: 998.2 kg/m ³ | | | | | |
| Pump speed on which pump data are based: 2930 rpm Rated flow: 94.4 m³/h Rated head: 38.38 m Actual impeller diameter: 177 mm Nominal impeller diameter: 160 mm Shaft seal arrangement: Single Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | Technical: | | | | | | |
| Rated flow: 94.4 m³/h Rated head: 38.38 m Actual impeller diameter: 177 mm Nominal impeller diameter: 160 mm Shaft seal arrangement: Single Code for shaft seal: BQQE Curve tolerance: ISO906:2012 3B Materials: Pump housing: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | | | | | | |
| Actual impeller diameter:177 mmNominal impeller diameter:160 mmShaft seal arrangement:SingleCode for shaft seal:BQQECurve tolerance:ISO9906:2012 3BMaterials:Pump housing:Pump housing:Cast ironEN-GJL-250ASTM class 35Wear ring:BrassImpeller:Cast ironEN-GJL-200ASTM class 30Shaft:Stainless steelEN-ID-200ASTM class 30Shaft:Stainless steelEN 1.4301AISI 304Installation:Maximum ambient temperature:Maximum operating pressure:16 bar | | | | | | | | |
| Nominal impeller diameter:160 mmShaft seal arrangement:SingleCode for shaft seal:BQQECurve tolerance:ISO9906:2012 3BMaterials:EN-GJL-250Pump housing:Cast ironEN-GJL-250ASTM class 35Wear ring:BrassImpeller:Cast ironEN-GJL-200ASTM class 30Shaft:Stainless steelEN 1.4301AISI 304Installation:Maximum ambient temperature:40 °CMaximum operating pressure:16 bar | | | | | | | | |
| Shaft seal arrangement: Single Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | | | | | | |
| Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 | | | | | | | | |
| Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Cast iron Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | • | | | | | |
| Materials: Pump housing: Cast iron Pump housing: EN-GJL-250 ASTM class 35 Wear ring: Brass Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | | 2 3 B | | | | |
| Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: Maximum operating pressure: 16 bar | | | 1003300.2012 | | | | | |
| EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | | | | | | |
| ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | Pump housing: | | | | | | |
| Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | | 5 | | | | |
| Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | Wear ring: | | 5 | | | | |
| EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | | | | | | |
| Shaft: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | EN-GJL-200 | | | | | |
| EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | | | | | | |
| AISI 304 Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | Shaft: | | 1 | | | | |
| Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | | | | | | |
| Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar | | | 7101 304 | | | | | |
| Maximum operating pressure: 16 bar | | | | | | | | |
| | | | | | | | | |
| Pipe connection standard: EN 1092-2 | | | | | | | | |
| | | Pipe connection standard: | EN 1092-2 | | | | | |



Company name: Created by: Phone:

| | | | Date: | 17/05/2019 | |
|------------------------------------|------------------|----------------------|-------|------------|--|
| Description | | | | | |
| Size of inlet co | | DN 65 | | | |
| Size of outlet of | | DN 50 | | | |
| Pressure rating | g for pipe conne | ection: PN 16 | | | |
| Pump housing | with feet: | Ν | | | |
| Support block: | | Y | | | |
| | | | | | |
| Electrical data IE Efficiency c | | IE3 | | | |
| P2: | d55. | 15 kW | | | |
| | | | | | |
| Mains frequen | | 50 Hz | | | |
| Rated voltage: | | 3 x 380-480 V | | | |
| Rated current: | | 30.0-26.0 A | | | |
| Cos phi - powe | er factor: | 0.91-0.86 | | | |
| Rated speed: | | 480-3540 rpm | | | |
| Efficiency: | | IE3 91,9% | | | |
| Motor efficience | y at full load: | 91.9 % | | | |
| Number of pol | es: | 2 | | | |
| Enclosure clas | | IP55 | | | |
| Insulation clas | s (IEC 85): | F | | | |
| Motor No: | | 85901265 | | | |
| Otherse | | | | | |
| Others: Minimum effici | ency index, ME | l ≥· 0 70 | | | |
| Net weight: | | 186 kg | | | |
| Gross weight: | | 208 kg | | | |
| | | 0.509 m ³ | | | |
| Shipping volur | | | | | |
| | | | | | |
| Custom tariff r | 0.: | 84137051 | | | |
| Country of orig Custom tariff r | | HU 84137051 | | | |
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Company name: Created by: Phone:

| | | Date: | 17/05/2019 | |
|--|----------------------------|------------|--|----------|
| Description | Value | H [m] | NBE 50-160/177, 3*400 V | / e |
| General information: | | | | _ |
| Product name: | NBE 50-160/177ASF2ABQQE | 45 - | 100 % | |
| Product No: | 98468706 | | | |
| EAN number: | 5711495600822 | 40 - | | _ |
| Price: | 7.365,00 GBP | | 90 % | |
| Technical: | | 35 - | | _ |
| Pump speed on which pump data are based: | 2930 rpm | 30 - | 80 % | |
| Rated flow: | 94.4 m³/h | | | |
| Rated head: | 38.38 m | 25 - | 70 % | - 100 |
| Actual impeller diameter: | 177 mm | 20 | | - 80 |
| Nominal impeller diameter: | 160 mm | 20- | | - 80 |
| Shaft seal arrangement: | Single | 15- | | - 60 |
| Shaft diameter: | 24 mm | 13 /// | | T 00 |
| Code for shaft seal: | BQQE | 10- | 10 The second se | 40 |
| | | | 40 % | 10 |
| Curve tolerance: | ISO9906:2012 3B | 5 - | | 20 |
| Pump version: | AS | 25 | 5 % | |
| Materials: | | o – | | \Box_0 |
| Pump housing: | Cast iron | | 20 40 60 80 Q [m³/h] | |
| | EN-GJL-250 | P [kW] | | N |
| | ASTM class 35 | | P1 (motor+freq.cc | - F ' |
| Wear ring: | Brass | 14 - | | - 35 |
| Impeller: | Cast iron | 12 - | P2 | - 30 |
| | EN-GJL-200 | 10 - | | - 25 |
| | ASTM class 30 | 8 - | | - 20 |
| Shaft: | Stainless steel | | | |
| | EN 1.4301 | 6- | | - 15 |
| | AISI 304 | 4- | | - 10 |
| Material code: | A | 2- | | - 5 |
| Code for rubber: | E | 0 | | |
| Installation: | | | | |
| Maximum ambient temperature: | 40 °C | | | |
| Maximum operating pressure: | 16 bar | | | |
| Pipe connection standard: | EN 1092-2 | | | |
| Size of inlet connection: | DN 65 | | | |
| Size of outlet connection: | DN 50 | | | |
| Pressure rating for pipe connection: | PN 16 | | | |
| Pump housing with feet: | N | | | |
| Support block: | Y | | | |
| Connect code: | F2 | | | |
| Liquid: | 14 | | | |
| | Watar | | | |
| Pumped liquid: | Water | | | |
| Liquid temperature range: | -25 120 °C | | | |
| Selected liquid temperature: | 20 °C | | | |
| Density at selected liquid temperature: | 998.2 kg/m³ | | | |
| Electrical data: | | | | |
| IE Efficiency class: | IE3 | | | |
| P2: | 15 kW | | | |
| Mains frequency: | 50 Hz | | | |
| Rated voltage: | 3 x 380-480 V | | | |
| Rated current: | 30.0-26.0 A | | | |
| Cos phi - power factor: | 0.91-0.86 | | | |
| Rated speed: | 480-3540 rpm | | | |
| Efficiency: | IE3 91,9% | | | |
| Motor efficiency at full load: | 91.9 % | | | |
| Number of poles: | 2 | | | |
| | | | | |
| Enclosure class (IEC 34-5): | IP55 | | | |

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Company name: Created by: Phone:

| | | Date: |
|----------------------------------|----------------------|-------|
| Description | Value | |
| Motor protec: | YES | |
| Motor No: | 85901265 | |
| Mount. design. acc. IEC 34-7: | IM B35 | |
| Controls: | | |
| Control panel: | Standard | |
| Function Module: | PUMP I/O | |
| Frequency converter: | Built-in | |
| Others: | | |
| Minimum efficiency index, MEI ≥: | 0.70 | |
| Net weight: | 186 kg | |
| Gross weight: | 208 kg | |
| Shipping volume: | 0.509 m ³ | |
| Country of origin: | HU | |
| Custom tariff no.: | 84137051 | |

