

Company name: Created by: Phone:

Date:

03/01/2024

Qty. Description

1

TP 80-140/2 A-F-A-BQQE-IW1



Note! Product picture may differ from actual product

Product No.: 96108717

Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diameter. The pump is of the top-pull-out design, i.e. the power head (motor, pump head and impeller) can be removed for maintenance or service while the pump housing remains in the pipework.

The pump is fitted with an unbalanced rubber bellows seal. The shaft seal is according to EN 12756. Pipework connection is via PN 16 DIN flanges (EN 1092-2 and ISO 7005-2).

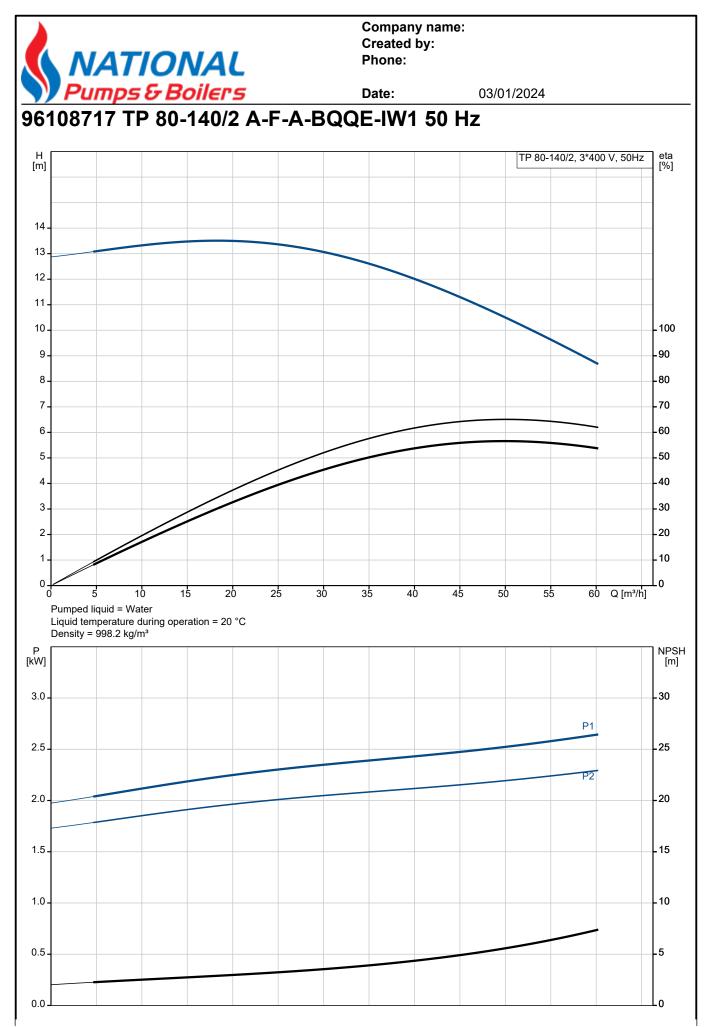
2900 rpm

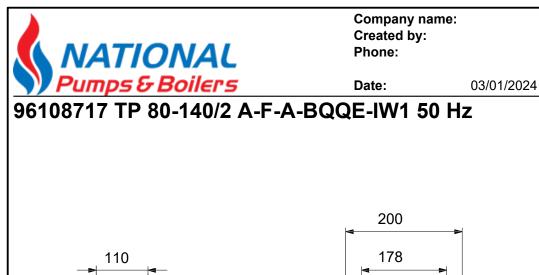
The pump is fitted with a fan-cooled asynchronous motor.

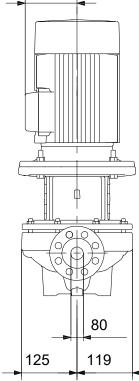
Controls: Frequency converter:	None
Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:	Water -25 120 °C 20 °C 998.2 kg/m³
Technical: Pump speed on which pump data Rated flow: Rated head: Actual impeller diameter: Code for shaft seal: Curve tolerance:	are based: 2900 i 52.2 m³/h 10.4 m 105 mm BQQE ISO9906:2012 3B2
Materials: Pump housing: Impeller:	Cast iron EN-GJL-250 ASTM class 35 Cast iron EN-GJL-200 ASTM class 30

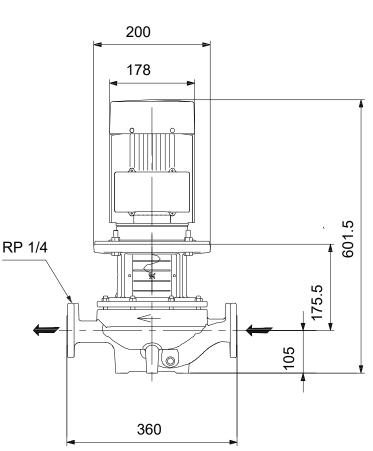
Installation: Range of ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of connection: Pressure rating for connection: Port to part length:	-30 60 °C 16 bar 16 bar / 120 °C DIN DN 80 PN 16 360 mm
Port-to-port length:	360 mm
Flange size for motor:	FF165
Electrical data: Motor type:	90LE

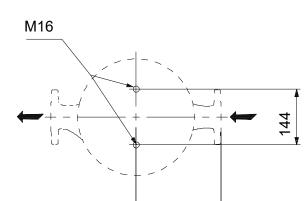
Pumpe & BoilersDate: $03/01/2024$ y.DescriptionRated power - P2: 2.2 kW Mains frequency: 50 Hz Rated voltage: $3 \times 380-415D \text{ V}$ Rated current: 4.65 A Starting current: $840-920 \%$ Rated speed: $2890-2910 \text{ rpm}$ IE Efficiency class:IE3Motor efficiency at full load: $85.9-85.9 \%$ Motor efficiency at $3/4$ load: $88.2-87.2 \%$ Motor efficiency at $1/2 \text{ load:}$ $88.0-85.5 \%$ Number of poles: 2 Enclosure class (IEC $34-5$): 55 Dust/Jetting Insulation class (IEC 85):FMotor No: 99605763 Others: 0.69 Net weight: 59.1 kg Gross weight: 71 kg Shipping volume: 0.217 m^3 Finnish LVI No.: 4616096 Country of origin:HU	Pumps & BoillersDate: $03/01/2024$ y.Descriptiongated power - P2: $2.2 kW$ Mains frequency: $50 Hz$ Rated voltage: $3 \times 380-415D V$ Rated current: $4.65 A$ Starting current: $840-920 \%$ Rated speed: $2890-2910 rpm$ IE Efficiency class:IE3Motor efficiency at full load: $85.9-85.9 \%$ Motor efficiency at 3/4 load: $88.2-87.2 \%$ Motor efficiency at 1/2 load: $88.0-85.5 \%$ Number of poles: 2 Enclosure class (IEC 34-5): $55 Dust/Jetting$ Insulation class (IEC 85):FMotor No: 99605763 Others: 0.69 Net weight: $59.1 kg$ Gross weight: $71 kg$ Shipping volume: $0.217 m^3$ Finnish LVI No.: 4016096	Pumpe & BoilersDate: $03/01/2024$ y.DescriptionRated power - P2: 2.2 kW Mains frequency: 50 Hz Rated voltage: $3 \times 380-415D \text{ V}$ Rated current: 4.65 A Starting current: $840-920 \%$ Rated speed: $2890-2910 \text{ rpm}$ IE Efficiency class:IE3Motor efficiency at SJ.4 load: $85.9-85.9 \%$ Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85):FMotor No: 99605763 Others: 0.69 Net weight: 59.1 kg Gross weight: 71 kg Shipping volume: 0.217 m^3 Finnish LVI No.: 4616096 Country of origin:HU	Pumpe & BoillersDate: $03/01/2024$ A DescriptionRated power - P2: 2.2 kW Mains frequency: 50 Hz Rated voltage: $3 \times 380-415D \text{ V}$ Rated current: 4.65 A Starting current: $840-920 \%$ Rated speed: $2890-2910 \text{ rpm}$ IE Efficiency class:IE3Motor efficiency at $3/4 \log 4$ $88.2-87.2 \%$ Motor efficiency at $1/2 \log 4$ $88.0-85.5 \%$ Number of poles: 2 Enclosure class (IEC $34-5$): 55 Dust/Jetting Insulation class (IEC 85):FMotor No: 99605763 Others: 0.69 Net weight: 59.1 kg Gross weight: 71 kg Shipping volume: 0.217 m^3 Finnish LVI No.: 4616096 Country of origin:HU	Pumpe & BoilersDate: $03/01/2024$ y.DescriptionRated power - P2: 2.2 kW Mains frequency: 50 Hz Rated voltage: $3 \times 380-415D \text{ V}$ Rated current: 4.65 A Starting current: $840-920 \%$ Rated speed: $2890-2910 \text{ rpm}$ IE Efficiency class:IE3Motor efficiency at syluad: $85.9-85.9 \%$ Motor efficiency at 3/4 load: $88.2-87.2 \%$ Motor efficiency at 1/2 load: $88.0-85.5 \%$ Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85):FMotor No: 99605763 Others: 0.69 Net weight: 59.1 kg Gross weight: 71 kg Shipping volume: 0.217 m^3 Finnish LVI No: 4616096 Country of origin:HU		NATIONA	L	Company name: Created by: Phone:		Created by:		
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Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.