

25/10/2024

Qty. | Description

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TP 80-120/2 A-F-A-BQQE-HW1



Note! Product picture may differ from actual product

Product No.: 97851333

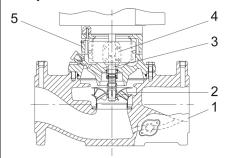
Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diameter. The pump is of the top-pull-out design, i.e. the power head (motor, pump head and impeller) can be removed for maintenance or service while the pump housing remains in the pipework.

The pump is fitted with an unbalanced rubber bellows seal. The shaft seal is according to EN 12756. Pipework connection is via PN 10 DIN flanges (EN 1092-2 and ISO 7005-2).

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

The product's minimum efficiency index (MEI) is greater or equal to 0.70. This is by the Commission Regulation (EU) considered as an indicative benchmark for best-performing water pump available on the market as from 1 January 2013.

Pump



- 1: Pump housing
- 2: Impeller
- 3: Shaft
- 4: Coupling
- 5: Pump head

The pump housing is provided with a replaceable stainless steel/PTFE neck ring to reduce the amount of liquid running from the discharge side of the impeller to the suction side.

The impeller is secured with a split cone with nut.

The pump is fitted with an unbalanced rubber bellows seal with torque transmission across the spring and around the bellows. Due to the bellows, the seal does not wear the shaft, and the axial movement is not prevented by deposits on the shaft.

Seal faces:

- Rotating seal ring material: silicon carbide (SiC)
- Stationary seat material: silicon carbide (SiC)

This material pairing is used where higher corrosion resistance is required. The high hardness of this material pairing offers good resistance against abrasive particles.

Secondary seal material: EPDM (ethylene-propylene rubber)

EPDM has excellent resistance to hot water. EPDM is not suitable for mineral oils.

A circulation of liquid through the duct of the air vent screw ensures lubrication and cooling of the shaft seal.

The flanges have tappings for mounting of pressure gauges.

The motor stool forms connection between the pump housing and the motor, and is equipped with a manual air vent screw for venting of the pump housing and the shaft seal chamber. The sealing between motor stool and pump housing is an O-ring.



Date: 25/10/2024 Description Qty. The central part of the motor stool is provided with guards for protection against the shaft and coupling. Motor and 1 pump shaft are connected via a shell coupling. Motor The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. Electrical tolerances comply with IEC 60034. The motor is flange-mounted with tapped-hole flange (FT). Motor-mounting designation in accordance with IEC 60034-7: IM B 14, IM V 18 (Code I) / IM 3601, IM 3611 (Code II). The motor efficiency is classified as IE3 in accordance with IEC 60034-30-1. The motor does not incorporate motor protection and must be connected to a motor-protective circuit breaker which can be manually reset. The motor-protective circuit breaker must be set according to the rated current of the motor (|1/1).The motor can be connected to a variable speed drive for adjustment of pump performance to any duty point. Grundfos CUE offers a range of variable speed drives. Please find more information in Grundfos Product Center. Further product details **Technical data** Controls: Frequency converter: None Liquid: Pumped liquid: Water Liquid temperature range: -25 .. 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m3 Technical: Pump speed on which pump data are based: 2910 rpm Rated flow: 42.5 m³/h Rated head: 7.91 m Actual impeller diameter: 95 mm Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B2 Materials: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Impeller: Stainless steel EN 1.4301 AISI 304 Installation: Range of ambient temperature: -30 .. 60 °C Maximum operating pressure: 10 bar Max pressure at stated temp: 10 bar / 120 °C Type of connection: DIN Size of connection: DN 80 Pressure rating for connection: PN 10 Port-to-port length: 360 mm Flange size for motor: FT115 Electrical data: 90SD Motor type:



			Date:	25/10/2024	
1.	Description				
	Rated power - P2:	1.5 kW			
	Mains frequency:	50 Hz			
	Rated voltage:	3 x 220-240D/380-4	15Y V		
	Rated current:	5.70/3.30 A			
	Starting current:	750-820 %			
	Cos phi - power factor:	0.84-0.78			
	Rated speed:	2890-2910 rpm			
	IE Efficiency class:	IE3			
	Motor efficiency at full load:	84.2 %			
	Motor efficiency at 3/4 load:	86.4-84.9 %			
	Motor efficiency at 1/2 load:	86.0-83.0 %			
	Number of poles:	2			
	Enclosure class (IEC 34-5):	55 Dust/Jetting			
	Insulation class (IEC 85):	F			
	Motor No:	85U01906			
		00001000			
	Others:				
	Minimum efficiency index, MEI Net weight:	≥: 0.70 46.7 kg			
	Gross weight:	40.7 kg 55.3 kg			
	Shipping volume:	0.204 m ³			
	Danish VVS No.:	38 1815.120			
	Finnish LVI No.:	4616095			
	Norwegian NRF no.:	9043587			



Description Value General information: Product name: TP 80-1202 Product name: AFF-ABOQE-HW1 Product No: 07451333 Technical: Pump speed on which pump data are based: 2910 rpm based: 2910 rpm based: 791 m Maximum operation: 42.5 m/h Rate flexe: 1500806:2012 382 Pump brough: Cast iron Pump brough: Cast iron	GRUNDF		Filone.
Description Value General information: Product name: Product Area ABOQE-HW1 Product No: 97651333 Technical: Pump speed on which pump data are based: 791 m Rated flow: 42.5 m ² /h Rated flow: 45.5 m ² /h Rated flow			Date: 25/10/2024
Product name: IP 60-1202 A FF-ABOQE-HW1 Product No: 97651333 Technical: 9710025808138 Technical: 9710025808138 Technical: 97101025808138 Technical: 9711 m Maximum peak are: 95 mm Maximum peak are: 95 mm Maximum peak are: 95 mm Code for shaft seat: 95 mm Materials: 95 mm Code for shaft seat: 95 mm Materials: 95 mm Max prassure at lated temp: 10 bar Max prassure at lated temp: 10 bar Materials: 95 mm Materials: 95 mm Materials: 95 mm Max prassure at lated temp: 10 bar Materials: 95 mm Materials: 95 blz Materials: 95 blz Material	Description	Value	
Art-ABQQE-HWI Product No: 9786133 EAN number: 5710625808138 EAN number: 5710625808138 EAN number: 710625808138 Pump speed on which pump data are pump speed on which pump data are 2910 rpm Actual Impeller: 95 mm Code for shart seal: 120 dm Actual Impeller diameter: 95 mm Code for shart seal: 120 dm Actual Impeller diameter: 95 mm Code for shart seal: 120 dm Actual Impeller diameter: 95 mm Code for shart seal: 120 dm Actual Impeller diameter: 95 mm Code for shart seal: 120 dm Actual Impeller: 15 similes steel Impeller: 15 similes steel Impeller: 10 bar / 120 °C Parage of onnection: PN 10 Port-toport length: 300 nm Films size for connection: PN 10 Port-toport length: 50 Hz Rated voltage: 3 x 220-200/2800-415 V V Rated voltage: 3 x 220-200/2800 + 50 V Films films voltage: 3 x 220-200/2800 + 50	General information:		
Product No: 97651333 Technical: Pump speed on which pump data are 2910 rpm Based: Now: 791 m Maximum head: 791 m Maximum head: 200 dm Actual inpelier diameter: 95 mm Code for shaft seat: BCQCE Curve tolerance: ISO99005 2012 382 Pump version: A Materialis: Pump housing: Cast Iron Pump Hard Iron Pump housing: Cast Iron Pump housing: Cast Iron Pump housing: Cast Iron Pump Hard Iron Pump Hard Iron Pump Hard Iron Pump Hard Iron Pump Hard Iron Pump Iron Pump Hard Iron Pump Hard Iron Pump Hard Iron Pump Iron Pump Hard Iron Pump Iro	Product name:	TP 80-120/2 A-F-A-BQQE-HW1	
EAN number: 5710625908138 Technical: Pump speed on which pump data are based: 7.91 m Maximum head: 120 dm Actual impeller diameter: 95 mm Code for shaft seat: 900E Curve tolerance: ISO9906:2012 382 Pump version: A Materials: Pump housing: EN-GL-250 Pump housing: EN-GL-250 Pump housing: EN-GL-250 Pump housing: EN-GL-250 Pump housing: EN-GL-250 Pump housing: Cast fron Pump housing: EN-GL-250 Pump housing: Cast inon Pump housing: Cast inon Pump housing: EN-GL-250 Pump housing: Cast inon Pump housing: Cast inon Pump housing: EN-GL-250 Pump housing: Cast inon Pump housing: EN-GL-250 Pump housing: Cast inon Pump distance in Cast inon Pump housing: Cast inon Pump hous	Product No:	97851333	
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Rated flow: 42.5 mV/h Rated flow: 7.91 m Maximum head: 120 dm Actual impeller diameter: 95 mm Code for shaft seal: BOOE Curve tolerance: ISO0906:2012 382 Pump brousing: Cast iron Pump housing: EN-GAL-250 Pump housing: EN-GAL-250 Pump housing: EN-GAL-250 Pump housing: EN-GAL-250 Pump housing: EN-GAL-250 Pump housing: EN-GAL-250 Pump housing: Cast iron Pump housing: EN-GAL-250 Pump housing: Office and the same steel Impeller: Stainless steel Impeller: AISI 304 Material code: A A Material code: A A Material code: Office and the same steel Pumped inguide the perature: -30 60 °C Maximum operating pressure: 10 bar / 120 °C Type of connection: DIN 80 Pressure at stated femp: 10 bar / 120 °C Type of connection: PN 10 Prot-to-port length: 360 mm Flange size for motor: FT115 Connect code: F Liquid Pumped liquid: Water Liquid temperature: 20 °C Density: 998.2 kg/m ¹ Electrical data: Motor white we factor: 0.84-0.78 Stating ourrent: 750-820 % Cor ph = power factor: 0.850.01906 Cor ph = ph = power factor: NONE Builton nodes (EC 85): F Builtin motor protection: NONE Builton conset (EC 34-5): S Stating ourrent:	Pump speed on which pump data are based:	2910 rpm	7-70
Rate head: 7.91 m Maximum head: 120 dm Actual impeller diameter: 95 mm Code for shaft seal: BQOE Curve tolerance: ISO6906:2012 3B2 Pump rousing: Cast iron Pump housing: Pump housing: Pump housing: Pump housing: ASTM class 35 Impeller: Installation: Range of ambient temperature: Range of ambient temperature: Range of ambient temperature: Type of connection: DIN Size of connection: Pump housing for connection: Pump housing for connection: Pump housing: Pump housing: Pum housing: Pum housing: Pum housing: Pum housing: Pum housing: Pum hous	Rated flow:	42.5 m³/h	
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Actual impeller diameter: 96 mm Curve tolerance: IISO0906:2012 3B2 Pump voising: Cast iron Pump housing: Cast iron Pump diated: Cast iron Pumped liquid: Water Pumped liquid: So num Finage size for molon: CF1115 Connect code: F F Liquid temperature: 998.2 kg/m [*] Electrical data: Motor type: 90SD Rated oprever: P2: 1.5 KW Mains frequency: 50 Hz Rated oprever: P2: 1.5 KW Mains frequency: 750-820 % Cos phi - pover facto: 0.84-0.78 Rated speed: 2280-2910 rpm El Efficiency at 3/4 load: 86.4-84.9 % Motor efficiency at 1/2 load: 86.4-83.0 % Number of poles: 2 Enclosure diase (IC 34.5): F Buil-In motor protection: NONE Motor Nice Frequency converter: None With or None Work None Pump diaged converter: None Pum diaged converter: None	Maximum head:	120 dm	
Code for shaft seal: ISO9906/2012 382 Pump tousing: Pump housing: Pump housing: Pum housing: Pu	Actual impeller diameter:	95 mm	
Curve tolerance: ISO9906:2012 3B2 Pump version: A Materials: Pump housing: Cast iron Pump housing: EN-GUL-260 Pump housing: ASTM class 35 Impeller: EN 14301 Impeller: AISI 304 Material code: A Range of ambient temperature: -3060 °C Maximum operaturg pressure: 10 bar Maximum operaturg pressure: 20 °C Donetic-cord length: 360 mm Flange size for motor: FT115 Connect code: F Liquid temperature range: -25120 °C Selected liquid temperature: 20 °C Donesity: 998.2 kg/m ² Electrical data: Motor type: 90SD Rated power -P2: 1.5 kW Mains frequency: 50 Hz Rated speed: 2890-2910 rpm Elefticency at 12 load: 86.4-84.9 % Motor efficiency at 12 load: 86.4-84.9 % Motor efficiency at 12 load: 86.4-83.0 % Number of poles: 2 Enclosure dass: [E3 3 Motor efficiency at 12 load: 86.4-83.0 % Number of poles: 2 Enclosure dass: [E3 44.9 % Motor efficiency at 12 load: 86.4-83.0 % Number of poles: 2 Enclosure dass: [E3 44.9 % Motor efficiency at 12 load: 86.4-84.9 % Motor motor protection: NONE Built-in motor p			2 20
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Material: Pump housing: Cast iron Pump housing: EN-GUL-260 Pump housing: ASTM class 35 Impelier: Stainless steel Impelier: AISI 304 Material code: A Installation: Range of ambient temperature: Range of ambient temperature: 30 . 60 °C Maximum operating pressure: 10 bar 10 bar 120 °C Type of connection: DIN Size of connection: DN 80 Perssure raing for connection: F115 Connect code: F Liquid Pumped liquid: Liquid temperature: 20 °C Selected liquid temperature: 20 °C Density: 9982. kg/m ² Electrical data: Motor steel Motor stequency: 50 H2 Rated volarge: 3 x 220-240D/380-4155 V Rated speed: 2890-2910 rpm Elefficiency at 1/2 load: 66.0-83.			
Pump housing: Cast iron Pump housing: EN-GuL-250 Pump housing: ASTM class 35 Impeller: Stainless steel Impeller: EN 1.4301 Impeller: AISI 304 Material code: A Installation: Range of ambient temperature: -3060 °C Maximum operating pressure: 10 bar / 120 °C Type of connection: DIN Max pressure at stated temp: 10 0bar / 120 °C Type of connection: DIN Size of connection: DN 80 Pressure rating for connection: PN 10 Port-to-port length: 360 mm Filange size for motor: FT115 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -25120 °C Density: 998.2 kg/m ³ Electrical dat: Motor type: 90SD Rated power - P2: 1.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-4157 V Rated acurrent: 5.70/3:30 A Statring current: 750-820 % Cos phi - power factor: 0.84-0.78 Rated speed: E3 Motor efficiency at 1/2 load: 86.0-83.0 % Number of poles: 2 Enclosure das: (IC 34-5); F Builtin motor protection: NONE Motor No: 85U0 1908 Conrots: Frequency converter: None	•	7	
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Material code: A Installation: Installation: Range of ambient temperature: 3060 °C Maximum operating pressure: 10 bar Max pressure at stated temp: 10 bar Type of connection: DIN Size of connection: DN 80 Pressure rating for connection: PN 10 Port-to-port length: 360 mm Flange size for motor: FT115 Connect code: F Liquid temperature range: -25120 °C Density: 998.2 kg/m* Electrical data: Motor type: Motor type: 90SD Rated power - P2: 1.5 kW Mater rature: 5.70/3.30 A Starting current: 750-820 % Cos phi - power factor: 0.84-0.78 Rated speed: 2890-2910 rpm IE Efficiency at 3/4 load: 86.4-84.9 % Motor efficiency at 3/4 load: 86.0-83.0 % Number of poles:			
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Maximum operating pressure: 10 bar Max pressure at stated temp: 10 bar/120 °C Type of connection: DIN Size of connection: DIN 80 Pressure rating for connection: PN 10 Port-to-port length: 360 mm Flange size for motor: FT115 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Selected liquid temperature: 20 °C Selected liquid temperature: 20 °C Selected liquid temperature: 20 °C Selected liquid temperature: 30 °C Selected liquid temperature: 50 °C Selected liquid temperature: 90 SD Rated power - P2: 1.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 5.70/3.30 A Starting current: 750-820 % Cos phi - power factor: 0.84-0.78 Rated speed: 2890-2910 rpm IE Efficiency at full load: 84.2 % Motor efficiency at full load: 86.484.9 % Motor efficiency at full load: 86.484.9 % Motor efficiency at full load: 86.484.9 % Motor efficiency at full load: 86.0-83.0 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 34-5): F Built-in motor protection: NONE Motor No: 85U01906 Controls: Frequency converter: None	Installation:		
Max pressure at stated temp: 10 bar / 120 °C Type of connection: DIN Size of connection: DN 80 Pressure rating for connection: PN 10 Port-to-port length: 360 mm Flange size for motor: FT115 Connect code: F Liquid: Pumped liquid: Water Liquid temperature: 20 °C Density: 996.2 kg/m³ Electrical data: Motor dificiency at 1/2 bad: 86.4 84.9 % Motor efficiency at 1/2 bad: 86.0 83.0 % Number of poles: 2 Enclosure class (IEC 24-5): 55 Dust/Jetting Insulation class (IEC 85): F Eleutinn motor protection: NONE Motor No: 85U01906 Controls: Frequency converter: None	Range of ambient temperature:	-30 60 °C	
Max pressure at stated temp: 10 bar / 120 °C Type of connection: DIN Size of connection: DN 80 Pressure rating for connection: PN 10 Port-to-port length: 360 mm Flage size for motor: FT115 Connect code: F Liquid: Pumped liquid: Water 20 °C Density: 998.2 kg/m³ Electrical data: Motor type: Motor type: 90SD Rated power - P2: 1.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated voltage: 2 820-2910 rpm IE Efficiency class: IE3 Motor efficiency at 3/4 load: 86.0-83.0 % Number of poles: 2 Enclosure class (IEC 84-5): 55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor efficincry at 1/2 load: 86.0-83.0 %<	Maximum operating pressure:	10 bar	0.5
Type of connection:DINSize of connection:DN 80Pressure rating for connection:PN 10Port-to-port length:360 mmFlange size for motor:F1115Connect code:FLiquidWaterLiquid temperature range:-25120 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:00SDMotor type:90SDRated power - P2:1.5 kWMains frequency:50 HzRated voltage:3 x 220-240D/380-4157 VRated voltage:3 x 220-240D/380-4157 VRated speed:2890-2910 rpmElectricino data:570/3.0 AStarting current:750-820 %Cos phi - power factor:0.84-0.78Rated speed:1E3Motor efficiency at 3/4 load:86.4-84.9 %Motor efficiency at 1/2 load:86.0-83.0 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 34-5):55 Dust/JettingInsulation class (IEC 35):FBuilt-In motor protection:NONEMotor No:85U01906Controls:Frequency converter:Frequency converter:None	· • • •	10 bar / 120 °C	
Size of connection: DN 80 Pressure rating for connection: PN 10 Port-to-port length: 360 mm Flange size for motor: FT115 Connect code: F Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Motor type: 90SD Rated power - P2: 1.5 kW Mains frequency: 50 Hz Rated power - P2: 1.5 kW Mains frequency: 50 Hz Rated outlage: 3 x 220-240D/380-415Y V Rated voltage: 3 x 220-240D/380-415Y V Rated soltage: 2.5.0/3.30 A Starting current: 750-820 % Cos phi - power factor: 0.84-0.78 Rated speed: 2890-2910 rpm IE Efficiency at 1/2 load: 86.0-83.0 % Number of ficiency at 1/2 load: 86.0-83.0 % Number of ficiency at 1/2 load: 86.0-83.0 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jettling Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 8SU01906 Controls: Frequency converter: None		DIN	
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Port-to-port length:360 mmFlange size for motor:FT115Connect code:FLiquidWaterLiquid temperature range:-25120 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:90SDMotor type:90SDRated power - P2:1.5 kWMains frequency:50 HzRated voltage:3 x 220-240D/380-415Y VRated voltage:3 x 220-240D/380-415Y VRated voltage:3 x 220-240D/380-415Y VRated speed:2890-2910 rpmIE Efficiency class:IE3Motor efficiency at J/L load:86.0-83.0 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 35):FBuilt-in motor protection:NONEMotor vo:85001906Controls:FFrequency converter:None			
Flange size for motor:FT115Connect code:FLiquid:WaterLiquid temperature range:-25 120 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:Motor type:Motor type:90SDRated power - P2:1.5 kWMains frequency:50 HzRated voltage:3 x 220-240D/380-4157 VRated voltage:3 x 220-240D/380-4157 VRated speed:2890-2910 rpmIE Efficiency class:IE3Motor efficiency at full load:86.4-84.9 %Motor efficiency at 1/2 load:86.0-83.0 %Number of poles:2Enclosure class (IEC 85):FBuilt-in motor protection:NONEMotor No:85U01906Controls:FFrequency converter:None			
Connect code:FLiquid:WaterLiquid temperature range:-25120 °CLiquid temperature:20 °CDensity:998.2 kg/m³Electrical data:Motor type:90SDRated power - P2:1.5 kWMains frequency:50 HzRated voltage:3 x 220-240D/380-415Y VRated voltage:3 x 220-240D/380-415Y VRated current:5.70/3.30 AStarting current:750-820 %Cos phi - power factor:0.84-0.78Rated speed:2890-2910 rpmIE Efficiency at Sill load:86.4-84.9 %Motor efficiency at 3/4 load:86.4-84.9 %Motor efficiency at 1/2 load:86.0-83.0 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 34-5):FBuilt-in motor protection:NONEMotor No:85U01906Controls:FFrequency converter:None			135
Liquid: Pumped liquid: Pumped liquid: Uiquid temperature range: Selected liquid temperature: 20 °C Density: 998.2 kg/m ³ Electrical data: Motor type: 90SD Rated power - P2: 1.5 kW Mains frequency: 8 x 220-240D/380-415Y V Rated current: 5.70/3.30 A Starting current: 750-820 % Cos phi - power factor: 0.84-0.78 Rated speed: 1E Efficiency at Sull load: 84.2 % Motor efficiency at Jul load: 84.2 % Motor efficiency at Jul load: 84.2 % Motor efficiency at Jul load: 86.0-83.0 % Number of poles: Enclosure class (IEC 34-5): F Built-in motor protection: NONE Motor No: 85U01906 Controls: Frequency converter: None	-		
Pumped liquid:WaterLiquid temperature range: -25120 °CSelected liquid temperature: 20 °CDensity: 998.2 kg/m^3 Electrical data:Wotor type:Motor type: 90SD Rated power - P2: 1.5 kW Mains frequency: 50 Hz Rated voltage: $3 \times 220-240D/380-415Y V$ Rated current: $5.70/3.30 \text{ A}$ Starting current: $750-820$ %Cos phi - power factor: $0.84-0.78$ Rated speed: $2890-2910 \text{ rpm}$ IE Efficiency at full load: 84.2 %Motor efficiency at full load: 84.2 %Motor efficiency at $3/4$ load: $86.4-84.9$ %Motor efficiency at $3/4$ load: $86.0-83.0$ %Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/JettingInsulation class (IEC 34-5): 55 Dust/JettingInsulation class (IEC 34-5): 55 Dust/JettingInsulation class (IEC 35):FBuilt-in motor protection:NONEMotor No: $85U01906$ Controls:FFrequency converter:None		F	
Liquid temperature range: Selected liquid temperature: 20 °CSelected liquid temperature: 20 °CDensity: Electrical data:Motor type: Rated power - P2: Rated voltage: Rated voltage: S x 220-240D/380-415Y VRated voltage: Rated current:5.70/3.30 AStarting current: Cos phi - power factor: Rated speed: IE Efficiency class: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 3/4 load: Motor efficiency at 3/4 load: Motor efficiency at 3/4 load: B6.0-83.0 % Number of poles: 2 Enclosure class (IEC 34-5): Built-in motor protection: Motor No: Bsillin in motor protection: Motor No: Controls: Frequency converter:District Trademotive: Frequency converter:None		Matan	
Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data:			
Density:998.2 kg/m³Electrical data:Motor type:90SDRated power - P2:1.5 kWMains frequency:50 HzRated voltage:3 x 220-240D/380-415Y VRated voltage:3 x 220-240D/380-415Y VRated current:5.70/3.30 AStarting current:750-820 %Cos phi - power factor:0.84-0.78Rated speed:2890-2910 rpmIE Efficiency class:IE3Motor efficiency at full load:84.2 %Motor efficiency at 1/2 load:86.0-83.0 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FBuilt-in motor protection:NONEMotor No:85U01906Controls:FFrequency converter:None			
Electrical data:Motor type:90SDRated power - P2:1.5 kWMains frequency:50 HzRated voltage:3 x 220-240D/380-415Y VRated current:5.70/3.30 AStarting current:750-820 %Cos phi - power factor:0.84-0.78Rated speed:2890-2910 rpmIE Efficiency class:IE3Motor efficiency at s1/4 load:86.4-84.9 %Motor efficiency at 1/2 load:86.0-83.0 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FBuilt-in motor protection:NONEMotor No:85U01906Controls:FFrequency converter:None	1 1		
Electrical data:Motor type:90SDRated power - P2:1.5 kWMains frequency:50 HzRated voltage:3 x 220-240D/380-415Y VRated voltage:3 x 220-240D/380-415Y VRated current:5.70/3.30 AStarting current:750-820 %Cos phi - power factor:0.84-0.78Rated speed:2890-2910 rpmIE Efficiency class:IE3Motor efficiency at J/l load:84.2 %Motor efficiency at 3/4 load:86.0-83.0 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 35):FBuilt-in motor protection:NONEMotor No:85U01906Controls:None	-	998.2 kg/m³	360
Rated power - P2:1.5 kWMains frequency:50 HzRated voltage:3 x 220-240D/380-415Y VRated current:5.70/3.30 AStarting current:750-820 %Cos phi - power factor:0.84-0.78Rated speed:2890-2910 rpmIE Efficiency class:IE3Motor efficiency at full load:84.2 %Motor efficiency at 3/4 load:86.4-84.9 %Notor efficiency at 1/2 load:86.0-83.0 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FBuilt-in motor protection:NONEMotor No:85U01906Controls:FFrequency converter:None			
Mains frequency:50 HzRated voltage:3 x 220-240D/380-415Y VRated current:5.70/3.30 AStarting current:750-820 %Cos phi - power factor:0.84-0.78Rated speed:2890-2910 rpmIE Efficiency class:IE3Motor efficiency at full load:84.2 %Motor efficiency at 3/4 load:86.4-84.9 %Motor efficiency at 1/2 load:86.0-83.0 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FBuilt-in motor protection:NONEMotor No:85U01906Controls:FFrequency converter:None			<u> </u>
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Rated current:5.70/3.30 AStarting current:750-820 %Cos phi - power factor:0.84-0.78Rated speed:2890-2910 rpmIE Efficiency class:IE3Motor efficiency at full load:84.2 %Motor efficiency at 3/4 load:86.4-84.9 %Motor efficiency at 1/2 load:86.0-83.0 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 45):FBuilt-in motor protection:NONEMotor No:85U01906Controls:FFrequency converter:None	Mains frequency:	50 Hz	
Starting current:750-820 %Cos phi - power factor:0.84-0.78Rated speed:2890-2910 rpmIE Efficiency class:IE3Motor efficiency at full load:84.2 %Motor efficiency at 3/4 load:86.4-84.9 %Motor efficiency at 1/2 load:86.0-83.0 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FBuilt-in motor protection:NONEMotor No:85U01906Controls:FFrequency converter:None	Rated voltage:	3 x 220-240D/380-415Y V	180
Cos phi - power factor:0.84-0.78Rated speed:2890-2910 rpmIE Efficiency class:IE3Motor efficiency at full load:84.2 %Motor efficiency at 3/4 load:86.4-84.9 %Motor efficiency at 1/2 load:86.0-83.0 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FBuilt-in motor protection:NONEMotor No:85U0 1906Controls:FFrequency converter:None	Rated current:	5.70/3.30 A	
Cos phi - power factor:0.84-0.78Rated speed:2890-2910 rpmIE Efficiency class:IE3Motor efficiency at full load:84.2 %Motor efficiency at 3/4 load:86.4-84.9 %Motor efficiency at 1/2 load:86.0-83.0 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FBuilt-in motor protection:NONEMotor No:85U01906Controls:FFrequency converter:None	Starting current:	750-820 %	
IE Efficiency class: IE3 Motor efficiency at full load: 84.2 % Motor efficiency at 3/4 load: 86.4-84.9 % Motor efficiency at 1/2 load: 86.0-83.0 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U01906 Controls: Frequency converter: Frequency converter: None	0		LOW VOLTAGE DIRECTION OF ROTATION
IE Efficiency class: IE3 Motor efficiency at full load: 84.2 % Motor efficiency at 3/4 load: 86.4-84.9 % Motor efficiency at 1/2 load: 86.0-83.0 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U01906 Controls: Frequency converter: Frequency converter: None			
Motor efficiency at full load:84.2 %Motor efficiency at 3/4 load:86.4-84.9 %Motor efficiency at 1/2 load:86.0-83.0 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FBuilt-in motor protection:NONEMotor No:85U01906Controls:FFrequency converter:None			
Motor efficiency at 3/4 load: 86.4-84.9 % Motor efficiency at 1/2 load: 86.0-83.0 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U01906 Controls: Frequency converter: Frequency converter: None			
Motor efficiency at 1/2 load: 86.0-83.0 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U01906 Controls: F Frequency converter: None	-		
Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U0 1906 Controls: F Frequency converter: None	-		
Insulation class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U01906 Controls: Image: Converter: Frequency converter: None	-		
Built-in motor protection: NONE Motor No: 85U01906 Controls: Frequency converter: None			
Built-in motor protection: NONE Motor No: 85U01906 Controls: Frequency converter: None		-	DIRECTION OF ROTATION
Motor No: 85U01906 Controls: Image: Converter: Frequency converter: None			
Controls: Frequency converter:			
Frequency converter: None		85U01906	(W2+U2+V2)
	Frequency converter:	None	



		Date:	25/10/2024
Description	Value		
Others:			
Minimum efficiency index, MEI ≥:	0.70		
Net weight:	46.7 kg		
Gross weight:	55.3 kg		
Shipping volume:	0.204 m³		
Danish VVS No.:	38 1815.120		
Finnish LVI No.:	4616095		
Norwegian NRF no.:	9043587		

