

**Date:** 03/10/2018

Position | Qty. | Description

1 TPD 50-30/4 A-F-A-BQQE



Product No.: On request

Single-stage, close-coupled, volute twin-head pump with in-line suction and discharge ports of identical diameter. The twin-head pump is designed with two parallel power-heads. 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.

Each power head is fitted with an unbalanced rubber bellows seal. The shaft seal is according to EN 12756. Pipework connection is via PN 6/10 DIN flanges (EN 1092-2 and ISO 7005-2).

Each power head is fitted with a fan-cooled asynchronous motor of indentical size.

Liquid:

Pumped liquid: Water
Liquid temperature range: -25 .. 120 °C
Liquid temperature during operation: 20 °C
Density: 998.2 kg/m³

Technical:

Rated flow: 11.9 m³/h
Rated head: 2.26 m
Actual impeller diameter: 91 mm
Primary shaft seal: BQQE

Curve tolerance: ISO9906:2012 3B

Materials:

Pump housing: Cast iron

EN-JL1040

**ASTM A48-40 B** 

Impeller: Stainless steel

DIN W.-Nr. 1.4301

AISI 304

Installation:

Range of ambient temperature: -30 .. 40 °C Maximum operating pressure: 10 bar Flange standard: DIN Pipe connection: **DN 50** Pump inlet: **DN 50 DN 50** Pump outlet: PN 6/10 Pressure rating: Port-to-port length: 280 mm Flange size for motor: FT85

Electrical data:

Motor type: 71B
Rated power - P2: 2 x 0.25 kW
Mains frequency: 50 Hz
Rated voltage: 1 x 240 V
Rated current: 1.9 A



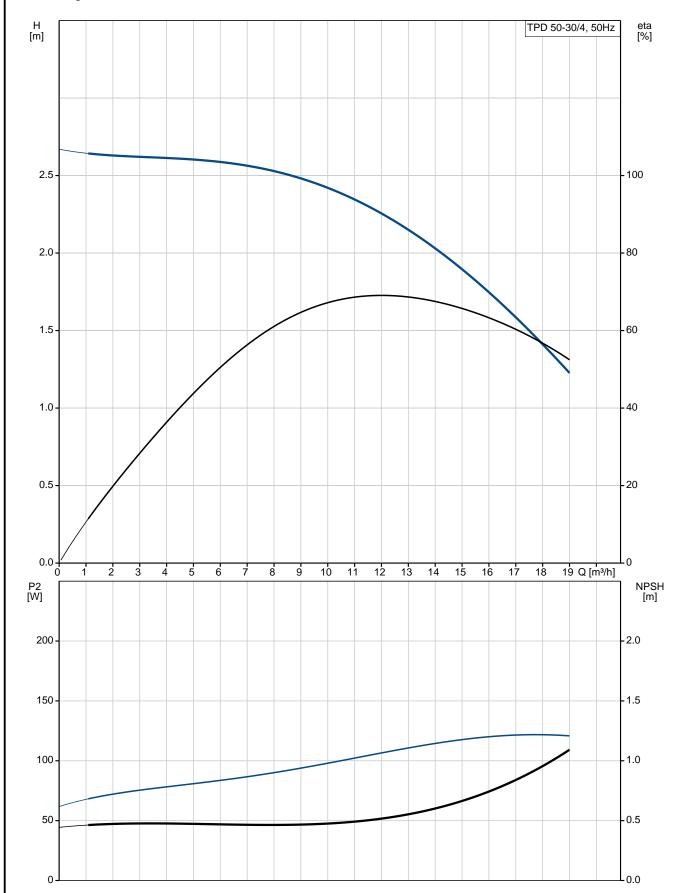
**Date:** 03/10/2018

			Date.	03/10/2010
Position	Qty.	Description		
		Starting current:	220 %	
		Cos phi - power factor:	0.99	
		Rated speed:	1360 rpm	
		Motor efficiency at full load:	57.0 %	
		Number of poles:	4	
		Enclosure class (IEC 34-5):	55 Dust/Jetting	
		Insulation class (IEC 85):	F	
		Others:		
		Minimum efficiency index, MEI	. 0.70	
		ErP status:	EuP Standalone/Prod.	
		Net weight:	48.9 kg	
		Gross weight:	55.9 kg	
		Shipping volume:	0.12 m³	



**Date:** 03/10/2018

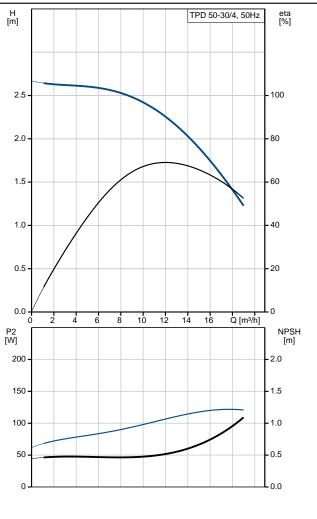
## On request TPD 50-30/4 A-F-A-BQQE 50 Hz





**Date:** 03/10/2018

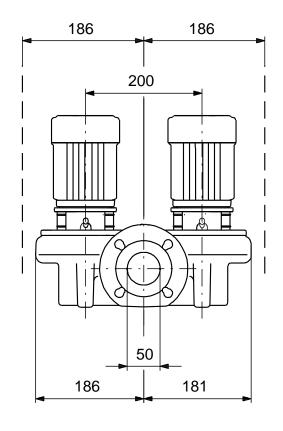
Description         Value           General information:         TPD 50-30/4 A-F-A-BQCE           Product No:         On request           EAN number:         On request           Technical:         TRated flow:           Rated flow:         11.9 m³/h           Rated head:         2.26 m           Head max:         30 dm           Actual impeller diameter:         91 mm           Primary shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B           Pump version:         A           Model:         A           Model:         A           Model:         A           Winderials:         Cast iron           Pump housing:         Cast iron           EN-JL1040         ASTM A48-40 B           Impeller:         Stainless steel           Impeller:         Stainless steel           Impeller:         Stainless steel           Installation:         Range of ambient temperature:           Range of ambient temperature:         -30 40 °C           Maximum operating pressure:         10 bar           Flange standard:         DIN           Pimp inlet:         DN 50           Pump outlet:<		
Product No:         On request           EAN number:         On request           Technical:         Technical:           Rated flow:         11.9 m³/h           Rated head:         2.26 m           Head max:         30 dm           Actual impeller diameter:         91 mm           Primary shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B           Pump version:         A           Model:         A           Model:         A           Model:         A           Model:         A           Materials:         EN-JL1040           ASTM A48-40 B         B           Impeller:         Stainless steel           DIN WNr. 1.4301         AISI 304           Material code:         A           Installation:         Range of ambient temperature:         -3040 °C           Maximum operating pressure:         10 bar           Flange standard:         DIN         DIN           Pipe connection:         DN 50           Pump outlet:         DN 50           Persure rating:         PN 6/10           Port-to-port length:         280 mm           Flange size for motor: <th></th> <th>Value</th>		Value
Product No:         On request           EAN number:         On request           Technical:         Rated flow:         11.9 m³/h           Rated flow:         2.26 m           Head max:         30 dm           Actual impeller diameter:         91 mm           Primary shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B           Pump yersion:         A           Model:         A           Model:         A           Model:         A           Maderials:         User Industrial           Pump housing:         Cast iron           EN-JL 1040         ASTM A48-40 B           Impeller:         Stainless steel           DIN V-Nr. 1.4301         Alsi 304           Material code:         A           Installation:         Installation:           Range of ambient temperature:         -30 40 °C           Maximum operating pressure:         10 bar           Flange standard:         DIN           Pipe connection:         DN 50           Pump pinlet:         DN 50           Pump pump utlet:         DN 50           Porsure rating:         PN 6/10           Port-to-port lengt	General information:	
EAN number: On request  Technical:  Rated flow: 11.9 m³/h Rated head: 2.26 m  Head max: 30 dm  Actual impeller diameter: 91 mm  Primary shaft seal: BQQE  Curve tolerance: ISO9906:2012 3B  Pump version: A  Model: A  Materials:  Pump housing: Cast iron		
Technical:   Rated flow:   11.9 m³/h   Rated flow:   11.9 m³/h   Rated head:   2.26 m   Head max:   30 dm   Actual impeller diameter:   91 mm   Primary shaft seal:   BQQE   Curve tolerance:   ISO9906:2012 3B   Pump version:   A   Materials:   Rated head:   A   Materials:   Materials:   ENJL1040   ASTM A48-40 B   Impeller:   Stainless steel   DIN WNr. 1.4301   AISI 304   Material code:   A   Material code:   DIN WNr. 1.4301   AISI 304   Material code:   DIN Fo   DI	Product No:	On request
Rated flow:         11.9 m³/h           Rated head:         2.26 m           Head max:         30 dm           Actual impeller diameter:         91 mm           Primary shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B           Pump version:         A           Model:         A           Model:         A           Materials:         Environmental pression:           Pump housing:         Cast iron           Environmental pression:         Environmental pression:           Materials:         Environmental pression:           Impeller:         Stainless steel           DIN WNr. 1.4301         ASTM A48-40 B           Impeller:         Stainless steel           DIN WNr. 1.4301         AIS1 304           Material code:         A           Installation:         Tressure pressure:           Range of ambient temperature:         -30 40 °C           Maximum operating pressure:         10 bar           Flange standard:         DIN           Pipe connection:         DN 50           Pump inlet:         DN 50           Port-to-port length:         280 mm           Flange size for motor:         F185<	EAN number:	On request
Rated head:         2.26 m           Head max:         30 dm           Actual impeller diameter:         91 mm           Primary shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B           Pump version:         A           Model:         A           Materials:         ISO9906:2012 3B           Pump version:         A           Materials:         ISO9906:2012 3B           Pump version:         A           Materials:         ISO9906:2012 3B           Pump housing:         Cast iron           EN-JL1040         A           Astrial         ISO9906:2012 3B           Pump housing:         Cast iron           EN-JL1040         A           Astrial         ISO100           EN-JL1040         A           Astrial         ISO100           Materials:         INT.           Impeller:         Stainless steel           DIN W-Nr. 1.4301         A           Material code:         A           Installation:         INT. 1.4301           Material code:         A           Installation:         IDIN           Pipe connection:         DN 50 </td <td>Technical:</td> <td></td>	Technical:	
Head max:	Rated flow:	11.9 m³/h
Actual impeller diameter: 91 mm  Primary shaft seal: BQQE  Curve tolerance: ISO9906:2012 3B  Pump version: A  Model: A  Materials:  Pump housing: Cast iron	Rated head:	2.26 m
Primary shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B           Pump version:         A           Model:         A           Materials:         EN-JL 1040           Pump housing:         Cast iron           EN-JL 1040         ASTM A48-40 B           Impeller:         Stainless steel           DIN WNr. 1.4301         AISI 304           Material code:         A           Installation:         Range of ambient temperature:           Range of ambient temperature:         10 bar           Hasiallation:         DIN           Range of ambient temperature:         10 bar           Flange standard:         DIN           Dipe connection:         DN 50           Pump inlet:         DN 50           Pump pump untlet:         DN 50           Pump outlet:         DN 50           Pressure rating:         PN 6/10           Port-to-port length:         280 mm           Flange size for motor:         FT85           Connect code:         F           Liquid:         Water           Liquid:         Water           Liquid temperature range:         -25 120 °C           Liquid temperat	Head max:	30 dm
Curve tolerance:         ISO9906:2012 3B           Pump version:         A           Model:         A           Materials:         EN-JL1040           Pump housing:         Cast iron           EN-JL1040         ASTM A48-40 B           Impeller:         Stainless steel           DIN WNr. 1.4301         AISI 304           Material code:         A           Installation:         Installation:           Range of ambient temperature:         -30 40 °C           Maximum operating pressure:         10 bar           Flange standard:         DIN           Pipe connection:         DN 50           Pump inlet:         DN 50           Pump outlet:         DN 50           Pump outlet:         DN 50           Pressure rating:         PN 6/10           Port-to-port length:         280 mm           Flange size for motor:         FT85           Connect code:         F           Liquid:         Water           Liquid temperature range:         -25 120 °C           Liquid temperature during operation:         20 °C           Density:         998.2 kg/m³           Electrical data:         Starting current:	Actual impeller diameter:	91 mm
Pump version: A   Model: A   Materials:   Pump housing: Cast iron   EN-JL 1040   ASTM A48-40 B   Impeller: Stainless steel   DIN WNr. 1.4301   AISI 304   AISI 305   AISI 306   AISI 30	Primary shaft seal:	BQQE
Model:         A           Materials:         Cast iron           EN-JL1040         STM A48-40 B           Impeller:         Stainless steel           DIN WNr. 1.4301         AISI 304           Material code:         A           Installation:         Range of ambient temperature:           Range of ambient temperature:         10 bar           Flange standard:         DIN           Pipe connection:         DN 50           Pump inlet:         DN 50           Pump inlet:         DN 50           Pump outlet:         DN 50           Pressure rating:         PN 6/10           Port-to-port length:         280 mm           Flange size for motor:         F185           Connect code:         F           Liquid temperature range:         -25 120 °C           Liquid temperature during operation:         20 °C           Density:         998.2 kg/m³           Electrical data:         Motor type:           Motor type:         71B           Rated power - P2:         2 x 0.25 kW           Mains frequency:         20 °C           Rated voltage:         1 x 240 V           Rated speed:         1360 rpm	Curve tolerance:	ISO9906:2012 3B
Materials:         Cast iron           Pump housing:         Cast iron           EN-JL 1040         ASTM A48-40 B           Impeller:         Stainless steel           DIN WNr. 1.4301         AISI 304           Material code:         A           Installation:         Installation:           Range of ambient temperature:         -30 40 °C           Maximum operating pressure:         10 bar           Flange standard:         DIN           Pipe connection:         DN 50           Pump inlet:         DN 50           Pump outlet:         DN 50           Pump outlet:         DN 50           Port-to-port length:         280 mm           Flange size for motor:         FT85           Connect code:         F           Liquid:         Water           Liquid temperature range:         -25 120 °C           Liquid temperature during operation:         20 °C           Density:         998.2 kg/m³           Electrical data:         Water           Motor type:         71B           Rated power - P2:         2 x 0.25 kW           Mains frequency:         50 Hz           Rated voltage:         1 x 240 V	Pump version:	A
Pump housing:	Model:	A
EN-JL1040	Materials:	
EN-JL1040	Pump housing:	Cast iron
Impeller:    DIN WNr. 1.4301     AISI 304     A	· •	EN-JL1040
Material code: Installation: Range of ambient temperature: Range standard: Plange standard: Plump outlet: Port-to-port length: Pumped liquid: Liquid temperature aduring operation: Pumped liquid: Liquid temperature during operation: Pestertical data: Motor type: Rated voltage: Rated voltage: Rated speed: Rated speed: Rated speed: Rated speed: Rated speed: Rated speed: Rote spe		ASTM A48-40 B
Material code: Installation: Range of ambient temperature: Range standard: Plange standard: Plump outlet: Port-to-port length: Pumped liquid: Liquid temperature aduring operation: Pumped liquid: Liquid temperature during operation: Pestertical data: Motor type: Rated voltage: Rated voltage: Rated speed: Rated speed: Rated speed: Rated speed: Rated speed: Rated speed: Rote spe	Impeller:	Stainless steel
Material code: A  Installation:  Range of ambient temperature: -30 40 °C  Maximum operating pressure: 10 bar  Flange standard: DIN  Pipe connection: DN 50  Pump inlet: DN 50  Pump outlet: DN 50  Pressure rating: PN 6/10  Port-to-port length: 280 mm  Flange size for motor: FT85  Connect code: F  Liquid:  Pumped liquid: Water  Liquid temperature range: -25 120 °C  Liquid temperature during operation: 20 °C  Density: 998.2 kg/m³  Electrical data:  Motor type: 71B  Rated power - P2: 2 x 0.25 kW  Mains frequency: 50 Hz  Rated voltage: 1 x 240 V  Rated current: 1.9 A  Starting current: 220 %  Cos phi - power factor: 0.99  Rated speed: 1360 rpm  Motor efficiency at full load: 57.0 %  Number of poles: 4  Enclosure class (IEC 34-5): 55 Dust/Jetting  Insulation class (IEC 85): F  Motor Protec: PTO  Motor No: 06265101  Others:  Minimum efficiency index, MEI: 0.70  ErP status: Eup Standalone/Prod.  Net weight: 48.9 kg  Gross weight: 55.9 kg	•	DIN WNr. 1.4301
Installation: Range of ambient temperature: Range of ambient temperature: -30 40 °C Maximum operating pressure: 10 bar Flange standard: DIN Pipe connection: DN 50 Pump inlet: DN 50 Pump outlet: DN 50 Pressure rating: PN 6/10 Port-to-port length: 280 mm Flange size for motor: FT85 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -25 120 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³  Electrical data: Motor type: 71B Rated power - P2: 2 x 0.25 kW Mains frequency: 50 Hz Rated voltage: 1 x 240 V Rated current: 1.9 A Starting current: 220 % Cos phi - power factor: 0.99 Rated speed: 1360 rpm Motor efficiency at full load: 57.0 % Number of poles: 4 Enclosure class (IEC 34-5): Insulation class (IEC 385): F Motor No: 86265101 Others: Minimum efficiency index, MEI: 0.70 ErP status: EuP Standalone/Prod. Net weight: 48.9 kg Gross weight: 55.9 kg		AISI 304
Range of ambient temperature:  Maximum operating pressure:  10 bar  Flange standard:  DIN  Pipe connection:  DN 50  Pump inlet:  DN 50  Pump outlet:  Port-to-port length:  Connect code:  Liquid:  Pumped liquid:  Liquid temperature during operation:  Density:  Brated power - P2:  Rated voltage:  Rated voltage:  Rated speed:  Cos phi - power factor:  Cos phi - power factor:  Motor efficiency at full load:  Number of poles:  Motor vo:  Rated speed:  Motor protec:  Motor vo:  Rated speed:  Motor efficiency index, MEI:  Motor vo:  Motor vo:  Motor vo:  Motor protec:  Motor vo:  Motor efficiency index, MEI:  Motor vo:  Motor proted:  Motor proted:  Motor proted:  Motor efficiency index, MEI:  Motor vo:  Be Standalone/Prod.  Met weight:  Met weight:  Met Standalone/Prod.  Met weight:  Met weight:  Met Standalone/Prod.  Met weight:	Material code:	A
Maximum operating pressure:  Flange standard:  DIN  Pipe connection:  DN 50  Pump inlet:  DN 50  Pump outlet:  DN 50  Pressure rating:  PN 6/10  Port-to-port length:  Elange size for motor:  Connect code:  F  Liquid:  Pumped liquid:  Liquid temperature range:  Liquid temperature during operation:  Density:  Pate to 12 x 0.25 kW  Mains frequency:  Rated power - P2:  Rated voltage:  Rated current:  Cos phi - power factor:  Cos phi - power factor:  Motor efficiency at full load:  Notor No:  Motor No:  Motor No:  Motor Standing operation:  DIN  DN 50  DN 50  DN 50  DN 50  DN 50  DN 50  PW 6/10  PW 6/10  PW 6/10  PV 6/10  PV 6/10  PV 8/10  Avater  Liquid temperature range:  -25 120 °C  Liquid temperature during operation:  20 °C  Density:  998.2 kg/m³  Flacted power  2 x 0.25 kW  Mains frequency:  50 Hz  Rated voltage:  1 x 240 V  Rated current:  220 %  Cos phi - power factor:  0.99  Rated speed:  1360 rpm  Motor efficiency at full load:  57.0 %  Number of poles:  4  Enclosure class (IEC 34-5):  Insulation class (IEC 85):  F  Motor Protec:  PTO  Motor No:  86265101  Others:  Minimum efficiency index, MEI:  0.70  ErP status:  EuP Standalone/Prod.  Net weight:  48.9 kg  Gross weight:  55.9 kg	Installation:	
Maximum operating pressure:  Flange standard:  DIN  Pipe connection:  DN 50  Pump inlet:  DN 50  Pump outlet:  DN 50  Pressure rating:  PN 6/10  Port-to-port length:  Elange size for motor:  Connect code:  F  Liquid:  Pumped liquid:  Liquid temperature range:  Liquid temperature during operation:  Density:  Pate to 12 x 0.25 kW  Mains frequency:  Rated power - P2:  Rated voltage:  Rated current:  Cos phi - power factor:  Cos phi - power factor:  Motor efficiency at full load:  Notor No:  Motor No:  Motor No:  Motor Standing operation:  DIN  DN 50  DN 50  DN 50  DN 50  DN 50  DN 50  PW 6/10  PW 6/10  PW 6/10  PV 6/10  PV 6/10  PV 8/10  Avater  Liquid temperature range:  -25 120 °C  Liquid temperature during operation:  20 °C  Density:  998.2 kg/m³  Flacted power  2 x 0.25 kW  Mains frequency:  50 Hz  Rated voltage:  1 x 240 V  Rated current:  220 %  Cos phi - power factor:  0.99  Rated speed:  1360 rpm  Motor efficiency at full load:  57.0 %  Number of poles:  4  Enclosure class (IEC 34-5):  Insulation class (IEC 85):  F  Motor Protec:  PTO  Motor No:  86265101  Others:  Minimum efficiency index, MEI:  0.70  ErP status:  EuP Standalone/Prod.  Net weight:  48.9 kg  Gross weight:  55.9 kg	Range of ambient temperature:	-30 40 °C
Flange standard:         DIN           Pipe connection:         DN 50           Pump inlet:         DN 50           Pump outlet:         DN 50           Pressure rating:         PN 6/10           Port-to-port length:         280 mm           Flange size for motor:         FT85           Connect code:         F           Liquid:         Water           Pumped liquid:         Water           Liquid temperature range:         -25 120 °C           Liquid temperature during operation:         20 °C           Density:         998.2 kg/m³           Electrical data:         Water           Motor type:         71B           Rated power - P2:         2 x 0.25 kW           Mains frequency:         50 Hz           Rated voltage:         1 x 240 V           Rated current:         1.9 A           Starting current:         220 %           Cos phi - power factor:         0.99           Rated speed:         1360 rpm           Motor efficiency at full load:         57.0 %           Number of poles:         4           Enclosure class (IEC 34-5):         55 Dust/Jetting           Insulation class (IEC 85):         F <t< td=""><td></td><td></td></t<>		
Pipe connection: Pump inlet: DN 50 Pump outlet: DN 50 Pressure rating: PN 6/10 Port-to-port length: 280 mm Flange size for motor: FT85 Connect code: F Liquid: Pumped liquid: User and size for motor: Liquid temperature range: Liquid temperature during operation: Persity: Persity: Persity: Possible for motor: Possible for motor: FT85 Connect code: F Liquid: Pumped liquid: User and size for motor: User and size for motor: Possible for motor: Pos		
Pump inlet: DN 50 Pump outlet: DN 50 Pressure rating: PN 6/10 Port-to-port length: 280 mm Flange size for motor: FT85 Connect code: F  Liquid: Vater Liquid temperature range: -25 120 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³  Electrical data:  Motor type: 71B Rated power - P2: 2 x 0.25 kW Mains frequency: 50 Hz Rated voltage: 1 x 240 V Rated current: 1.9 A Starting current: 220 % Cos phi - power factor: 0.99 Rated speed: 1360 rpm Motor efficiency at full load: 57.0 % Number of poles: 4 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor Potec: PTO Motor No: 86265101  Others: Minimum efficiency index, MEI: 0.70 ErP status: EuP Standalone/Prod. Net weight: 48.9 kg Gross weight: 55.9 kg		
Pump outlet: DN 50 Pressure rating: PN 6/10 Port-to-port length: 280 mm Flange size for motor: FT85 Connect code: F  Liquid: Water Liquid temperature range: -25 120 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³  Electrical data: Motor type: 71B Rated power - P2: 2 x 0.25 kW Mains frequency: 50 Hz Rated voltage: 1 x 240 V Rated current: 1.9 A Starting current: 220 % Cos phi - power factor: 0.99 Rated speed: 1360 rpm Motor efficiency at full load: 57.0 % Number of poles: 4 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor Protec: PTO Motor No: 86265101  Others: Minimum efficiency index, MEI: 0.70 ErP status: EuP Standalone/Prod. Net weight: 48.9 kg Gross weight: 55.9 kg	•	
Pressure rating: PN 6/10  Port-to-port length: 280 mm  Flange size for motor: FT85  Connect code: F  Liquid: Water  Liquid temperature range: -25 120 °C  Liquid temperature during operation: 20 °C  Density: 998.2 kg/m³  Electrical data:  Motor type: 71B  Rated power - P2: 2 x 0.25 kW  Mains frequency: 50 Hz  Rated voltage: 1 x 240 V  Rated current: 1.9 A  Starting current: 220 %  Cos phi - power factor: 0.99  Rated speed: 1360 rpm  Motor efficiency at full load: 57.0 %  Number of poles: 4  Enclosure class (IEC 34-5): 55 Dust/Jetting  Insulation class (IEC 85): F  Motor Protec: PTO  Motor No: 86265101  Others:  Minimum efficiency index, MEI: 0.70  ErP status: EuP Standalone/Prod.  Net weight: 48.9 kg  Gross weight: 55.9 kg		
Port-to-port length: 280 mm  Flange size for motor: FT85  Connect code: F  Liquid: Water  Liquid temperature range: -25 120 °C  Liquid temperature during operation: 20 °C  Density: 998.2 kg/m³  Electrical data:  Motor type: 71B  Rated power - P2: 2 x 0.25 kW  Mains frequency: 50 Hz  Rated voltage: 1 x 240 V  Rated current: 1.9 A  Starting current: 220 %  Cos phi - power factor: 0.99  Rated speed: 1360 rpm  Motor efficiency at full load: 57.0 %  Number of poles: 4  Enclosure class (IEC 34-5): 55 Dust/Jetting  Insulation class (IEC 85): F  Motor No: 86265101  Others:  Minimum efficiency index, MEI: 0.70  ErP status: EuP Standalone/Prod.  Net weight: 48.9 kg  Gross weight: 55.9 kg		
Flange size for motor:  Connect code:  F  Liquid:  Pumped liquid:  Liquid temperature range:  Liquid temperature during operation:  Density:  Blectrical data:  Motor type:  Rated power - P2:  Rated voltage:  Rated voltage:  Rated current:  1.9 A  Starting current:  Cos phi - power factor:  Motor efficiency at full load:  Number of poles:  Enclosure class (IEC 34-5):  Motor No:  Motor No:  Motor No:  Motor efficiency index, MEI:  Motor Water  Value Water  Water  Water  Water  Water  Water  Liquid temperature water  -25 120 °C  -26  -27  -28  -29  -29  -20 %  -20		
Connect code:  Liquid:  Pumped liquid:  Liquid temperature range:  Liquid temperature during operation:  Density:  Density:  Motor type:  Rated power - P2:  Rated voltage:  Rated voltage:  Starting current:  Cos phi - power factor:  Motor efficiency at full load:  Number of poles:  Enclosure class (IEC 34-5):  Motor No:  Motor No:  Cothers:  Minimum efficiency index, MEI:  Density:  Water  Water  Liquid temperature arange:  -25 120 °C   Co °C  Density:  998.2 kg/m³  P1B  Rated voltage:  71B  Rated vo.25 kW  Mains frequency:  50 Hz  Rated voltage:  1 x 240 V  Rated current:  220 %  Cos phi - power factor:  0.99  Rated speed:  1360 rpm  Motor efficiency at full load:  57.0 %  Number of poles:  4  Enclosure class (IEC 34-5):  Fyro  Motor No:  Others:  Minimum efficiency index, MEI:  0.70  ErP status:  EuP Standalone/Prod.  Net weight:  48.9 kg  Gross weight:  55.9 kg		
Liquid: Pumped liquid: Vater Liquid temperature range: Liquid temperature during operation: Density: Pumped liquid: Density: Density: Pelectrical data:  Motor type: Pated power - P2: Pated voltage: Pated voltage: Pated current: Pated current: Pated current: Pated speed: Pated s		
Pumped liquid: Liquid temperature range: -25 120 °C Liquid temperature during operation: Density: 998.2 kg/m³  Electrical data:  Motor type: 71B Rated power - P2: 2 x 0.25 kW Mains frequency: 50 Hz Rated voltage: 1 x 240 V Rated current: 1.9 A Starting current: 220 % Cos phi - power factor: 0.99 Rated speed: 1360 rpm Motor efficiency at full load: 57.0 % Number of poles: 4 Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No: Motor No:  Others: Minimum efficiency index, MEI: 0.70 ErP status: EuP Standalone/Prod. Net weight: 48.9 kg Gross weight: 55.9 kg		'
Liquid temperature range:  Liquid temperature during operation:  Density:  998.2 kg/m³  Electrical data:  Motor type:  71B  Rated power - P2:  2 x 0.25 kW  Mains frequency:  50 Hz  Rated voltage:  1 x 240 V  Rated current:  1.9 A  Starting current:  220 %  Cos phi - power factor:  0.99  Rated speed:  1360 rpm  Motor efficiency at full load:  57.0 %  Number of poles:  4  Enclosure class (IEC 34-5):  Insulation class (IEC 34-5):  Motor No:  Motor No:  86265101  Others:  Minimum efficiency index, MEI:  0.70  ErP status:  EuP Standalone/Prod.  Net weight:  48.9 kg  Gross weight:  55.9 kg		Water
Liquid temperature during operation: 20 °C  Density: 998.2 kg/m³  Electrical data:  Motor type: 71B  Rated power - P2: 2 x 0.25 kW  Mains frequency: 50 Hz  Rated voltage: 1 x 240 V  Rated current: 1.9 A  Starting current: 220 %  Cos phi - power factor: 0.99  Rated speed: 1360 rpm  Motor efficiency at full load: 57.0 %  Number of poles: 4  Enclosure class (IEC 34-5): 55 Dust/Jetting  Insulation class (IEC 85): F  Motor Protec: PTO  Motor No: 86265101  Others:  Minimum efficiency index, MEI: 0.70  ErP status: EuP Standalone/Prod.  Net weight: 48.9 kg  Gross weight: 55.9 kg		
Density:         998.2 kg/m³           Electrical data:         71B           Motor type:         71B           Rated power - P2:         2 x 0.25 kW           Mains frequency:         50 Hz           Rated voltage:         1 x 240 V           Rated current:         1.9 A           Starting current:         220 %           Cos phi - power factor:         0.99           Rated speed:         1360 rpm           Motor efficiency at full load:         57.0 %           Number of poles:         4           Enclosure class (IEC 34-5):         55 Dust/Jetting           Insulation class (IEC 85):         F           Motor protec:         PTO           Motor No:         86265101           Others:         Winimum efficiency index, MEI:         0.70           ErP status:         EuP Standalone/Prod.           Net weight:         48.9 kg           Gross weight:         55.9 kg		
Electrical data:           Motor type:         71B           Rated power - P2:         2 x 0.25 kW           Mains frequency:         50 Hz           Rated voltage:         1 x 240 V           Rated current:         1.9 A           Starting current:         220 %           Cos phi - power factor:         0.99           Rated speed:         1360 rpm           Motor efficiency at full load:         57.0 %           Number of poles:         4           Enclosure class (IEC 34-5):         55 Dust/Jetting           Insulation class (IEC 85):         F           Motor protec:         PTO           Motor No:         86265101           Others:         Minimum efficiency index, MEI:         0.70           ErP status:         EuP Standalone/Prod.           Net weight:         48.9 kg           Gross weight:         55.9 kg		
Motor type:       71B         Rated power - P2:       2 x 0.25 kW         Mains frequency:       50 Hz         Rated voltage:       1 x 240 V         Rated current:       1.9 A         Starting current:       220 %         Cos phi - power factor:       0.99         Rated speed:       1360 rpm         Motor efficiency at full load:       57.0 %         Number of poles:       4         Enclosure class (IEC 34-5):       55 Dust/Jetting         Insulation class (IEC 85):       F         Motor protec:       PTO         Motor No:       86265101         Others:       Winimum efficiency index, MEI:       0.70         ErP status:       EuP Standalone/Prod.         Net weight:       48.9 kg         Gross weight:       55.9 kg		996.2 kg/III <sup>9</sup>
Rated power - P2:       2 x 0.25 kW         Mains frequency:       50 Hz         Rated voltage:       1 x 240 V         Rated current:       1.9 A         Starting current:       220 %         Cos phi - power factor:       0.99         Rated speed:       1360 rpm         Motor efficiency at full load:       57.0 %         Number of poles:       4         Enclosure class (IEC 34-5):       55 Dust/Jetting         Insulation class (IEC 85):       F         Motor protec:       PTO         Motor No:       86265101         Others:       Winimum efficiency index, MEI :       0.70         ErP status:       EuP Standalone/Prod.         Net weight:       48.9 kg         Gross weight:       55.9 kg		74 D
Mains frequency:       50 Hz         Rated voltage:       1 x 240 V         Rated current:       1.9 A         Starting current:       220 %         Cos phi - power factor:       0.99         Rated speed:       1360 rpm         Motor efficiency at full load:       57.0 %         Number of poles:       4         Enclosure class (IEC 34-5):       55 Dust/Jetting         Insulation class (IEC 85):       F         Motor protec:       PTO         Motor No:       86265101         Others:       Minimum efficiency index, MEI:       0.70         ErP status:       EuP Standalone/Prod.         Net weight:       48.9 kg         Gross weight:       55.9 kg	• •	
Rated voltage:         1 x 240 V           Rated current:         1.9 A           Starting current:         220 %           Cos phi - power factor:         0.99           Rated speed:         1360 rpm           Motor efficiency at full load:         57.0 %           Number of poles:         4           Enclosure class (IEC 34-5):         55 Dust/Jetting           Insulation class (IEC 85):         F           Motor protec:         PTO           Motor No:         86265101           Others:         Minimum efficiency index, MEI:         0.70           ErP status:         EuP Standalone/Prod.           Net weight:         48.9 kg           Gross weight:         55.9 kg		
Rated current:       1.9 A         Starting current:       220 %         Cos phi - power factor:       0.99         Rated speed:       1360 rpm         Motor efficiency at full load:       57.0 %         Number of poles:       4         Enclosure class (IEC 34-5):       55 Dust/Jetting         Insulation class (IEC 85):       F         Motor protec:       PTO         Motor No:       86265101         Others:       Minimum efficiency index, MEI :       0.70         ErP status:       EuP Standalone/Prod.         Net weight:       48.9 kg         Gross weight:       55.9 kg		
Starting current:         220 %           Cos phi - power factor:         0.99           Rated speed:         1360 rpm           Motor efficiency at full load:         57.0 %           Number of poles:         4           Enclosure class (IEC 34-5):         55 Dust/Jetting           Insulation class (IEC 85):         F           Motor protec:         PTO           Motor No:         86265101           Others:         Minimum efficiency index, MEI :         0.70           ErP status:         EuP Standalone/Prod.           Net weight:         48.9 kg           Gross weight:         55.9 kg		
Cos phi - power factor:  Rated speed:  Motor efficiency at full load:  Number of poles:  Enclosure class (IEC 34-5):  Insulation class (IEC 85):  Motor protec:  PTO  Motor No:  86265101  Others:  Minimum efficiency index, MEI:  D.70  ErP status:  EuP Standalone/Prod.  Net weight:  4360 rpm  44  45  47  48  48  49  48  48  48  48  48  48  48		
Rated speed: 1360 rpm  Motor efficiency at full load: 57.0 %  Number of poles: 4  Enclosure class (IEC 34-5): 55 Dust/Jetting  Insulation class (IEC 85): F  Motor protec: PTO  Motor No: 86265101  Others:  Minimum efficiency index, MEI: 0.70  ErP status: EuP Standalone/Prod.  Net weight: 48.9 kg  Gross weight: 55.9 kg		
Motor efficiency at full load: 57.0 %  Number of poles: 4  Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F  Motor protec: PTO  Motor No: 86265101  Others:  Minimum efficiency index, MEI: 0.70  ErP status: EuP Standalone/Prod.  Net weight: 48.9 kg  Gross weight: 55.9 kg		
Number of poles:  Enclosure class (IEC 34-5):  Insulation class (IEC 85):  Motor protec:  PTO  Motor No:  86265101  Others:  Minimum efficiency index, MEI:  ErP status:  Net weight:  Gross weight:  4  55 Dust/Jetting  F  0.70  ErP Standalone/Prod.  48.9 kg  Gross weight:  55.9 kg		·
Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F  Motor protec: PTO  Motor No: 86265101  Others:  Minimum efficiency index, MEI: 0.70  ErP status: EuP Standalone/Prod.  Net weight: 48.9 kg  Gross weight: 55.9 kg		
Insulation class (IEC 85):  Motor protec: PTO  Motor No: 86265101  Others: Minimum efficiency index, MEI: 0.70  ErP status: EuP Standalone/Prod. Net weight: 48.9 kg  Gross weight: 55.9 kg		•
Motor protec: PTO  Motor No: 86265101  Others:  Minimum efficiency index, MEI: 0.70  ErP status: EuP Standalone/Prod.  Net weight: 48.9 kg  Gross weight: 55.9 kg		
Motor No: 86265101  Others:  Minimum efficiency index, MEI: 0.70  ErP status: EuP Standalone/Prod.  Net weight: 48.9 kg  Gross weight: 55.9 kg		•
Others:  Minimum efficiency index, MEI : 0.70  ErP status: EuP Standalone/Prod.  Net weight: 48.9 kg  Gross weight: 55.9 kg	•	
Minimum efficiency index, MEI : 0.70  ErP status: EuP Standalone/Prod.  Net weight: 48.9 kg  Gross weight: 55.9 kg		86265101
ErP status: EuP Standalone/Prod.  Net weight: 48.9 kg  Gross weight: 55.9 kg		
Net weight: 48.9 kg Gross weight: 55.9 kg	Minimum efficiency index, MEI :	0.70
Gross weight: 55.9 kg	ErP status:	EuP Standalone/Prod.
	Net weight:	48.9 kg
Shipping volume: 0.12 m <sup>3</sup>	Gross weight:	55.9 kg
	Shipping volume:	0.12 m <sup>3</sup>

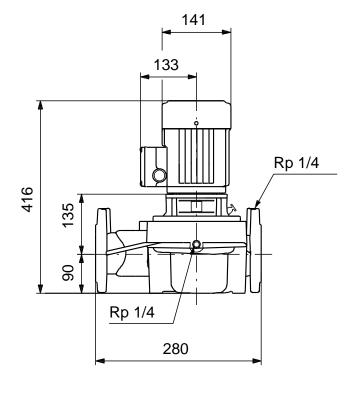


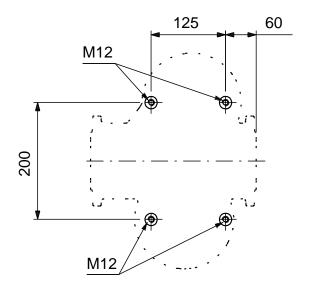


**Date:** 03/10/2018

## On request TPD 50-30/4 A-F-A-BQQE 50 Hz







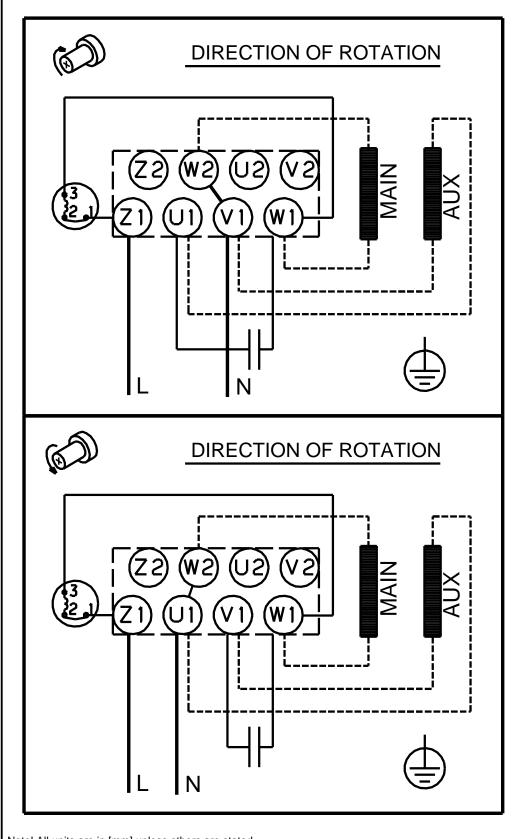
Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



Date:

03/10/2018

## On request TPD 50-30/4 A-F-A-BQQE 50 Hz



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