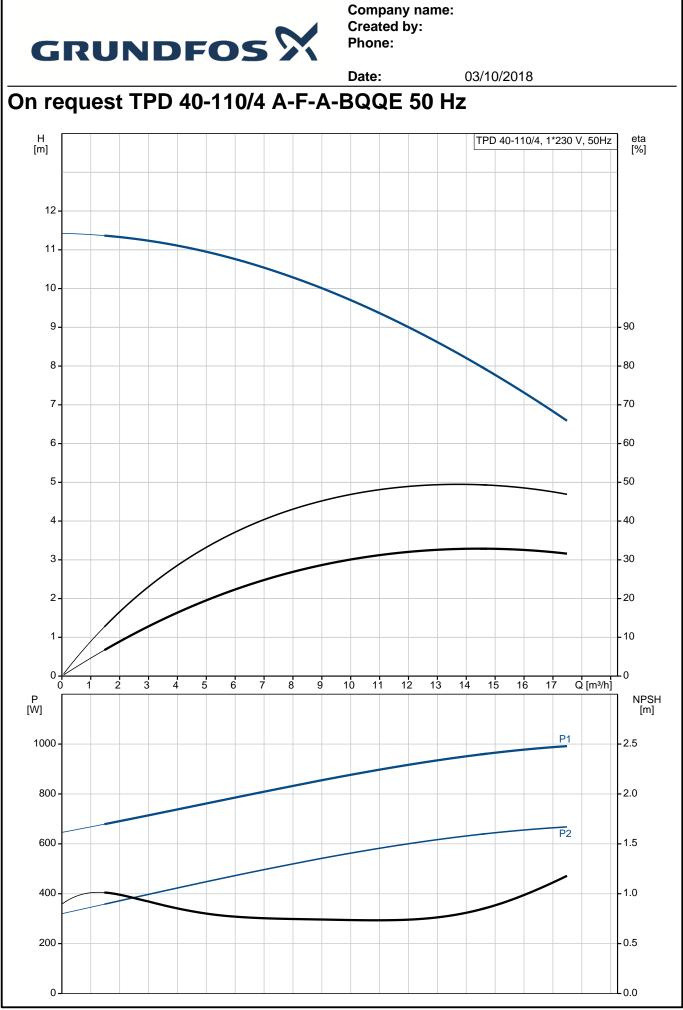
G	R	UNDFOS	Company na Created by: Phone:	me:		
			Date:	03/10/2018		
Position	Qty.	Description				
	1	TPD 40-110/4 A-F-A-BQQE				
		Product No.: On request				
		Single-stage, close-coupled, volute twin-head pump with in-line suction and discharge ports of identica diameter. The twin-head pump is designed 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 16 DIN flanges (EN 1092-2 and ISO 7005-2). Each power head is fitted with a fan-cooled asynchronous motor of indentical size.				
		<b>Liquid:</b> Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water -25 120 °C tion: 20 °C 998.2 kg/m³			
		<b>Technical:</b> Rated flow: Rated head: Actual impeller diameter: Primary shaft seal: Curve tolerance:	14.4 m³/h 8.65 m 190 mm BQQE ISO9906:2012 3B			
		Materials:				
		Pump housing: Impeller:	Cast iron EN-JL1040 ASTM A48-40 B Cast iron EN-JL1030 ASTM A48-30 B			
		Installation: Range of ambient temperature: Maximum operating pressure: Flange standard: Pipe connection: Pump inlet: Pump outlet: Pressure rating: Port-to-port length: Flange size for motor:	-30 40 °C 16 bar DIN DN 40 DN 40 DN 40 PN 16 440 mm FF165			
		Electrical data: Motor type: Rated power - P2: Mains frequency: Rated voltage: Rated current:	90SA 2 x 0.75 kW 50 Hz 1 x 220-230 V 5.45 A			

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Company name: Created by: Phone:

		Date:	03/10/2018
Qty.	Description		
	Starting current: Cos phi - power factor: Rated speed:	320 % 0.96 1390-1410 rpm	
	Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85):	4 55 Dust/Jetting F	
	Others: Minimum efficiency index, MEI ErP status: Net weight: Gross weight: Shipping volume:	: 0.7 EuP Standalone/Prod. 112 kg 126 kg 0.39 m³	
		Qty. Description   Starting current: Cos phi - power factor:   Rated speed: Number of poles:   Enclosure class (IEC 34-5): Insulation class (IEC 85):   Others: Minimum efficiency index, MEI   ErP status: Net weight:   Gross weight: Gross weight:	Qty. Description   Starting current: 320 %   Cos phi - power factor: 0.96   Rated speed: 1390-1410 rpm   Number of poles: 4   Enclosure class (IEC 34-5): 55 Dust/Jetting   Insulation class (IEC 85): F   Others: Unimum efficiency index, MEI 0.7   ErP status: EuP Standalone/Prod.   Net weight: 112 kg   Gross weight: 126 kg



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## Company name: Created by: Phone:

Description	Value
General information:	
Product name:	TPD 40-110/4 A-F-A-BQQ
Product No:	On request
EAN number:	On request
Technical:	
Rated flow:	14.4 m³/h
Rated head:	8.65 m
Head max:	110 dm
Actual impeller diameter:	190 mm
Primary shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Pump housing:	Cast iron
	EN-JL1040
	ASTM A48-40 B
Impeller:	Cast iron
	EN-JL1030
	ASTM A48-30 B
Material code:	Α
Installation:	
Range of ambient temperature:	-30 40 °C
Maximum operating pressure:	16 bar
Flange standard:	DIN
Pipe connection:	DN 40
Pump inlet:	DN 40
Pump outlet:	DN 40
Pressure rating:	PN 16
Port-to-port length:	440 mm
Flange size for motor:	FF165
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-25 120 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m <sup>3</sup>
Electrical data:	
Motor type:	90SA
Rated power - P2:	2 x 0.75 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 220-230 V
Rated current:	5.45 A
Starting current:	320 %
Cos phi - power factor:	0.96
Rated speed:	1390-1410 rpm
Number of poles:	4
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTO
Motor No:	87200342
Others:	01200072
	0.7
Minimum efficiency index, MEI :	0.7 EuD Standalana/Drad
ErP status:	EuP Standalone/Prod.
Net weight:	112 kg
Gross weight:	126 kg
Shipping volume:	0.39 m³

