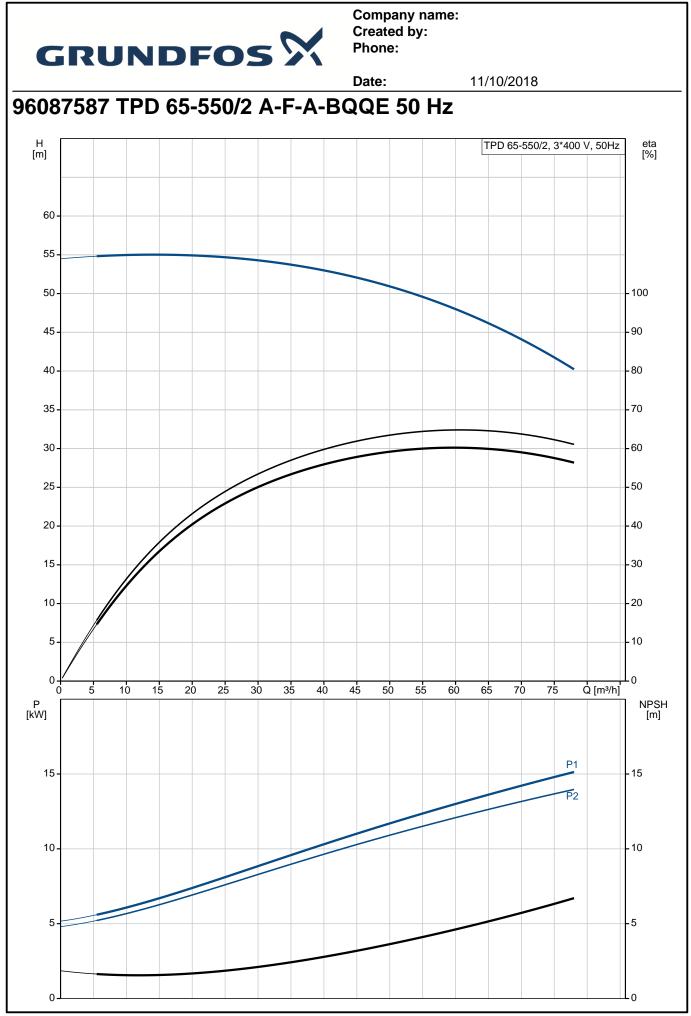
G	RI	UNDFOS		Company Created by Phone:			
				Date:	11/10	)/2018	
Position	Qty.	Description					
	1	TPD 65-550/2 A-F-A-BQQE					
		Product No.: 96087587	uto twin boor	l oumo with	in line sustion	and discharge ports of identical	
		Single-stage, close-coupled, volute twin-head pump with in-line suction 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 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 °( ition: 20 °C 998.2 kg/m <sup>3</sup>				
		<b>Technical:</b> Rated flow: Rated head: Actual impeller diameter: Primary shaft seal: Curve tolerance:	60.8 m³/h 46 m 200 mm BQQE ISO9906:20	112 3B			
		Materials:					
		Pump housing: Impeller:	Cast iron EN-JL1040 ASTM A48- Cast iron EN-JL1030 ASTM A48-				
		Installation: Range of ambient temperature: Maximum operating pressure: Flange standard: Pipe connection: Pump inlet: Pump outlet: Pressure rating: (@): Flange size for motor:	-30 60 °C 16 bar DIN DN 65 DN 65 DN 65 PN 16 475 mm FF300				
		Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency:	160MD IE3 2 x 15 kW 15 kW 50 Hz				



Company name: Created by: Phone:

			Date:	11/10/2018
sition	Qty.	Description		
		Rated voltage: Rated current: Starting current: Cos phi - power factor:	3 x 380-415D/660-690Y V 28,0-26,0/16,2-15,6 A 660-780 % 0.89-0.87	
		Rated speed: Efficiency: Motor efficiency at full load:	2930-2950 rpm IE3 91,9% 91.9 %	
		Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5):	92.4 % 92.4 % 2 55 Dust/Jetting	
		Insulation class (IEC 85): Others:	F	
		Minimum efficiency index, MEI ErP status: Net weight: Gross weight:	: 0.53 EuP Standalone/Prod. 340 kg 364 kg	
		Shipping volume: Country of origin: Custom tariff no.:	0.64 m <sup>3</sup> HU 84137065	





## Company name: Created by: Phone:

				_		7
Description	Value	H [m]		TPD 65-550/2	, 3*400 V, 50Hz	-
General information:						1
Product name:	TPD 65-550/2 A-F-A-BQQE	60 -				_
Product No:	96087587					
EAN number:	5700395315523	55 -				_
Price:	9.134,00 GBP	50 -				- 10
Technical:						
Rated flow:	60.8 m³/h	45 -				- 90
Rated head:	46 m	40 -				- 80
Head max:	550 dm					
		35 -				- 70
Actual impeller diameter:	200 mm	30 -				- 60
Primary shaft seal:	BQQE					
Curve tolerance:	ISO9906:2012 3B	25 -				- 50
Pump version:	A	20 -				40
Model:	A					
Materials:		15 -				- 30
Pump housing:	Cast iron	10-				20
	EN-JL1040					- 20
	ASTM A48-40 B	5-				- 10
Impeller:	Cast iron	° /				$\Box_0$
1	EN-JL1030	0 10	20 30	40 50 60	70 Q [m³/h]	]
	ASTM A48-30 B	P [kW]				יך
Material code:		נגעען				
	Α	15 -			P1	- 15
Installation:		13			P2	Τ'
Range of ambient temperature:	-30 60 °C				F2	
Maximum operating pressure:	16 bar	10 -				10
Flange standard:	DIN					
Pipe connection:	DN 65					
Pump inlet:	DN 65	5-				- 5
Pump outlet:	DN 65					
Pressure rating:	PN 16					
(@)	475 mm	0				
Flange size for motor:	FF300					
Connect code:	F					
Liquid:						
-	14/					
Pumped liquid:	Water					
Liquid temperature range:	-25 120 °C					
Liquid temperature during operation:						
Density:	998.2 kg/m³					
Electrical data:						
Motor type:	160MD					
IE Efficiency class:	IE3					
Rated power - P2:	2 x 15 kW					
Power (P2) required by pump:	15 kW					
Mains frequency:	50 Hz					
Rated voltage:	3 x 380-415D/660-690Y V					
Rated current:	28,0-26,0/16,2-15,6 A					
Starting current:	660-780 %					
Cos phi - power factor:	0.89-0.87					
Rated speed:	2930-2950 rpm					
Efficiency:	IE3 91,9%					
Motor efficiency at full load:	91.9 %					
Motor efficiency at 3/4 load:	92.4 %					
Motor efficiency at 1/2 load:	92.4 %					
Number of poles:	2					
Enclosure class (IEC 34-5):	55 Dust/Jetting					
Insulation class (IEC 85):	F					
Motor protec:	PTC					
Motor No:	87420022					



Company name: Created by: Phone:

		Date:	11/10/2018
Description	Value		
Others:			
Minimum efficiency index, MEI :	0.53		
ErP status:	EuP Standalone/Prod.		
Net weight:	340 kg		
Gross weight:	364 kg		
Shipping volume:	0.64 m³		
Country of origin:	HU		
Custom tariff no .:	84137065		

