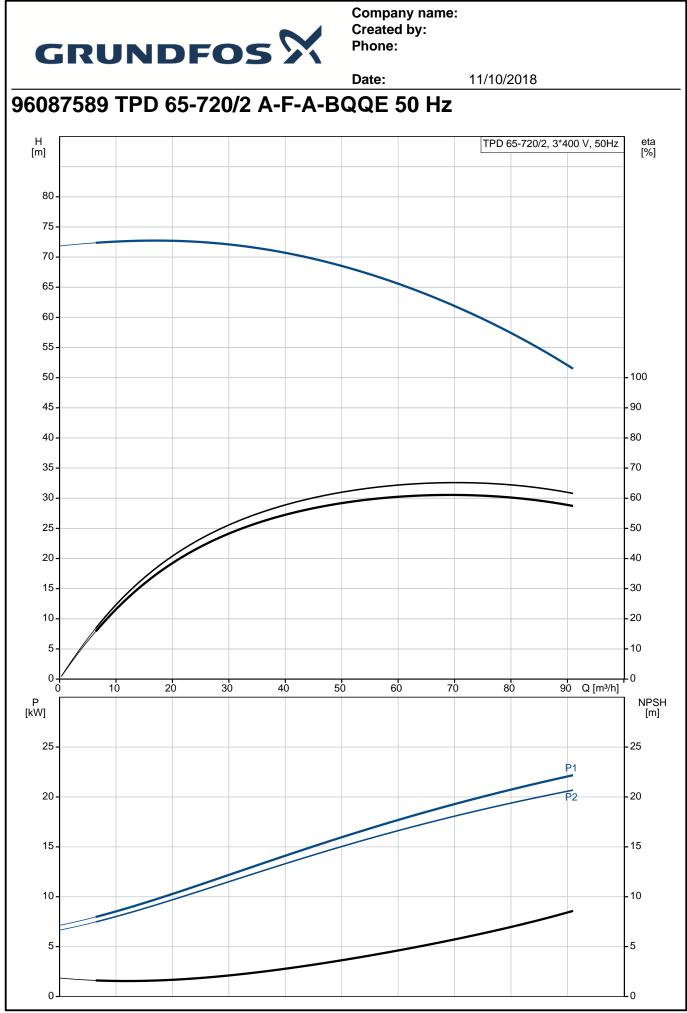
G	RI	UNDFOS	Company Created by Phone:				
			Date:	11/10/2018			
Position	Qty.	Description					
	1	TPD 65-720/2 A-F-A-BQQE					
		 Product No.: 96087589 Single-stage, close-coupled, volute twin-head pump with in-line suction and discharge ports of identi diameter. The twin-head pump is designed with 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. 					
		Lach power near is niled with a					
		Liquid:	Matan				
		Pumped liquid: Liquid temperature range:	Water -25 120 °C				
		Liquid temperature during opera Density:					
		Technical:					
		Rated flow:	69.8 m³/h				
		Rated head: Actual impeller diameter:	59.9 m 230 mm				
		Primary shaft seal:	BQQE				
		Curve tolerance:	ISO9906:2012 3B				
		Materials:					
		Pump housing:	Cast iron				
			EN-JL1040 ASTM A48-40 B				
		Impeller:	Cast iron				
			EN-JL1030				
			ASTM A48-30 B				
		Installation:					
		Range of ambient temperature:	-30 60 °C 16 bar				
		Maximum operating pressure: Flange standard:	DIN				
		Pipe connection:	DN 65				
		Pump inlet:	DN 65				
		Pump outlet:	DN 65				
		Pressure rating: (@):	PN 16 475 mm				
		Flange size for motor:	FF300				
		Electrical data:	100MD				
		Motor type: IE Efficiency class:	180MB IE3				
		Rated power - P2:	2 x 22 kW				
		Power (P2) required by pump:	22 kW				
		Mains frequency:	50 Hz				



Company name: Created by: Phone:

Qty.	Description		
	Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed:	3 x 380-415D/660-690Y V 39.5/22.8 A 830 % 0.90-0.90 2950 rpm	
	Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5):	92.7 % 93.7 % 94.4 % 2 55 Dust/Jetting	
	Others: Minimum efficiency index, MEI	: 0.70	
	Net weight: Gross weight: Shipping volume: Country of origin:	399 kg 423 kg 0.64 m ³ HU	
	Custom tariff no.:	84137065	
		Rated current:Starting current:Cos phi - power factor:Rated speed:Efficiency:Motor efficiency at full load:Motor efficiency at 3/4 load:Motor efficiency at 3/4 load:Motor efficiency at 1/2 load:Number of poles:Enclosure class (IEC 34-5):Insulation class (IEC 85):Others:Minimum efficiency index, MEIErP status:Net weight:Gross weight:Shipping volume:	Rated current:39.5/22.8 AStarting current:830 %Cos phi - power factor:0.90-0.90Rated speed:2950 rpmEfficiency:IE3 92,7%Motor efficiency at full load:92.7 %Motor efficiency at 3/4 load:93.7 %Motor efficiency at 1/2 load:94.4 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FOthers:Minimum efficiency index, MEICothers:399 kgGross weight:423 kgShipping volume:0.64 m³Country of origin:HU





Company name: Created by: Phone:

		Date:	11/10/2018
Description	Value	H [m]	TPD 65-720/2, 3*400 V, 50Hz
General information:			
Product name:	TPD 65-720/2 A-F-A-BQQE	80 -	
Product No:	96087589	75 -	
EAN number:	5700395315547	70 -	
Fechnical:	57 000000 10047	65 -	
Rated flow:	69.8 m³/h	60 -	
Rated head:	59.9 m	55 -	
lead max:	720 dm	50 -	
Actual impeller diameter:	230 mm	45 -	
Primary shaft seal:	BQQE	40 -	
Curve tolerance:	ISO9906:2012 3B	35 -	
Pump version:	A		
Model:	A	30 -	
Materials:		25 -	
Pump housing:	Cast iron	20 -	
amp nousing.	EN-JL1040	15 -	
		10-	
	ASTM A48-40 B	- /	
mpeller:	Cast iron	5-	
	EN-JL1030	0 <u>/</u>	20 40 60 80 Q [m³/h]
	ASTM A48-30 B	- P	20 40 60 80 Q [m³/h]
Material code:	A	[kW]	
nstallation:		25 -	
Range of ambient temperature:	-30 60 °C		P1
Maximum operating pressure:	16 bar	20 -	P2
Flange standard:	DIN	-	
Pipe connection:	DN 65	15 -	
Pump inlet:	DN 65	-	
Pump outlet:	DN 65	10-	
Pressure rating:	PN 16	5 -	
	475 mm	0	
Flange size for motor:	FF300		
Connect code:	F		
Liquid:			
Pumped liquid:	Water		
_iquid temperature range:	-25 120 °C		
_iquid temperature during operation:	20 °C		
Density:	998.2 kg/m³		
Electrical data:	5		
Motor type:	180MB		
E Efficiency class:	IE3		
Rated power - P2:	2 x 22 kW		
Power (P2) required by pump:	22 kW		
Mains frequency:	50 Hz		
Rated voltage:	3 x 380-415D/660-690Y V		
Rated current:	39.5/22.8 A		
Starting current:	830 %		
Cos phi - power factor:	0.90-0.90		
Rated speed:	2950 rpm		
Efficiency:	IE3 92,7%		
Notor efficiency at full load:	92.7 %		
-			
Motor efficiency at 3/4 load:	93.7 %		
Motor efficiency at 1/2 load:	94.4 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
nsulation class (IEC 85):	F		
Motor protec:	PTC		
Notor No:	87470021		



Company name: Created by: Phone:

		Date:	11/10/2018	
Description	Value			
Minimum efficiency index, MEI :	0.70			
ErP status:	EuP Standalone/Prod.			
Net weight:	399 kg			
Gross weight:	423 kg			
Shipping volume:	0.64 m³			
Country of origin:	HU			
Custom tariff no.:	84137065			

