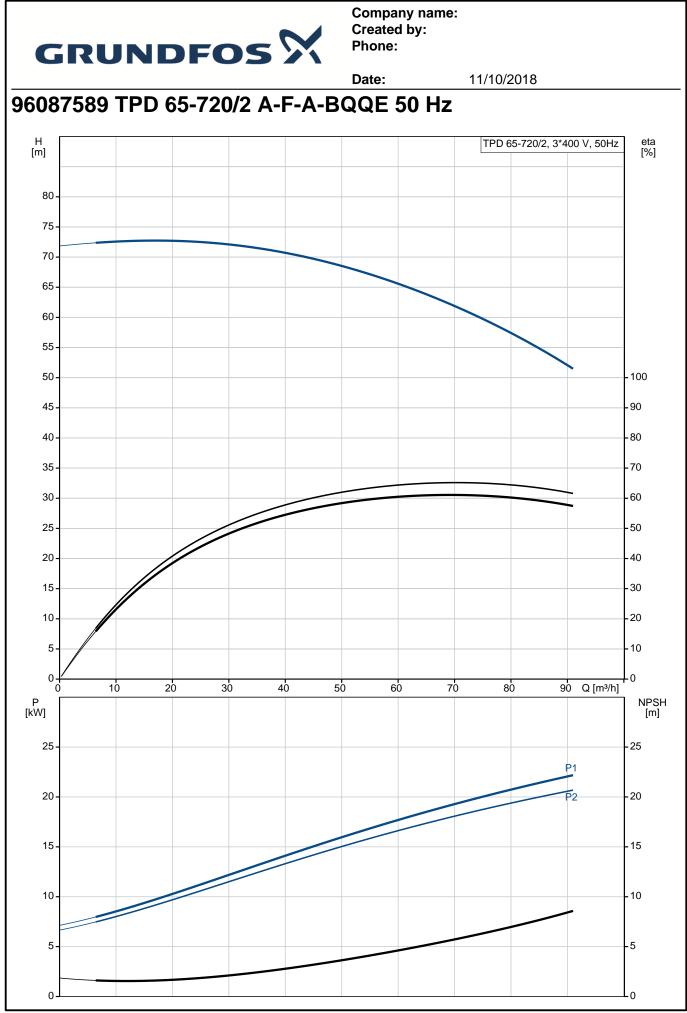
G	RI	UNDFOS	Company Created by Phone:				
			Date:	11/10/2018			
Position	Qty.	Description					
	1	TPD 65-720/2 A-F-A-BQQE					
		<ul> <li>Product No.: 96087589</li> <li>Single-stage, close-coupled, volute twin-head pump with in-line suction and discharge ports of identi diameter. The twin-head pump 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.</li> <li>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).</li> <li>Each power head is fitted with a fan-cooled asynchronous motor of indentical size.</li> </ul>					
		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	
	<b>Others:</b> Minimum efficiency index, MEI	: 0.70	
	Net weight: Gross weight: Shipping volume: Country of origin:	399 kg 423 kg 0.64 m <sup>3</sup> 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			

