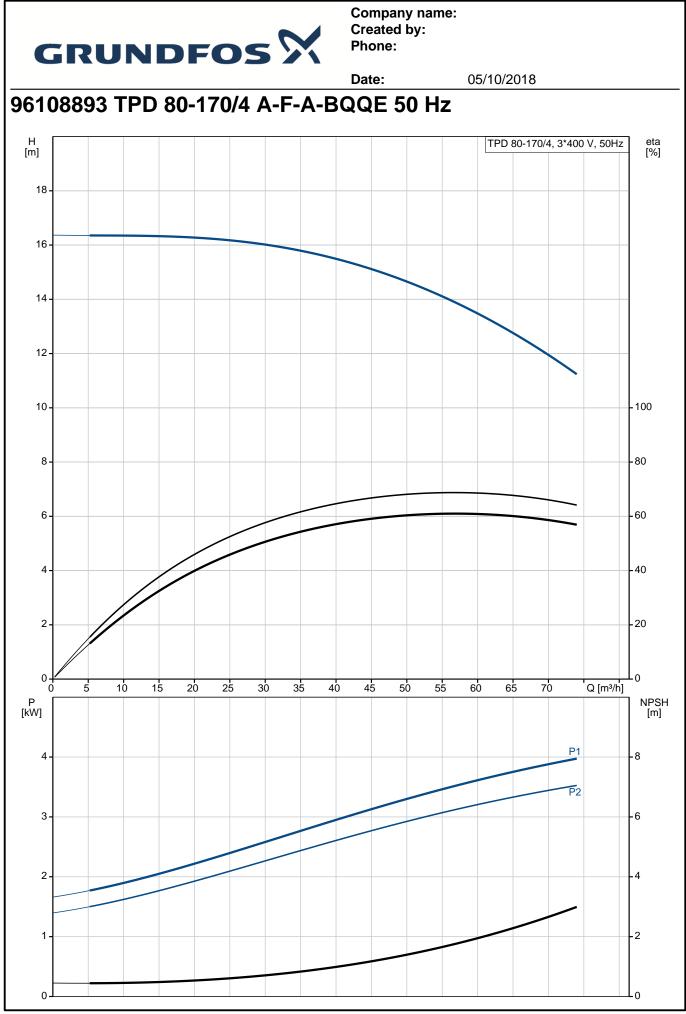
G	DI	UNDFOS	Croated by:	Company name: Created by: Phone:	
			Date:	05/10/2018	
Position	Qty.	Description			
	1	TPD 80-170/4 A-F-A-BQQE			
		diameter. The twin-head pump is top-pull-out design, i.e. the power	s designed with two paralle or head (motor, pump head	n-line suction and discharge ports of identical el power-heads. The pump is of the d and impeller) can be removed for	
		maintenance or service while the	e pump housing remains ir n unbalanced rubber bellov ria PN 16 DIN flanges (EN	n the pipework. ws seal. The shaft seal is according to EN 1092-2 and ISO 7005-2).	
		Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water -25 120 °C tion: 20 °C 998.2 kg/m³		
		Technical: Rated flow: Rated head: Actual impeller diameter: Primary shaft seal: Curve tolerance:	53.8 m³/h 14.4 m 219 mm BQQE ISO9906:2012 3B		
		Materials: Pump housing:	Cast iron		
		Impeller:	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: (@): Flange size for motor:	-30 60 °C 16 bar DIN DN 80 DN 80 DN 80 PN 16 500 mm FF215		
		Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency:	112MC IE3 2 x 4 kW 4 kW 50 Hz		



Company name: Created by: Phone:

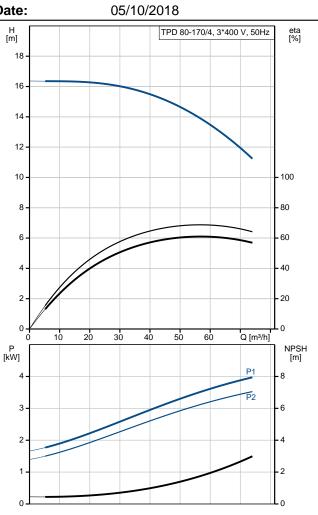
			Date:	05/10/2018	
Position	Qty.	Description			
Position	Qty.	DescriptionRated voltage:Rated current:Starting current:Cos phi - power factor:Rated speed:Efficiency:Motor efficiency at full load:Motor efficiency at 3/4 load:Motor efficiency at 3/4 load:Motor efficiency at 1/2 load:Number of poles:Enclosure class (IEC 34-5):Insulation class (IEC 85):Others:Minimum efficiency index, MEIErP status:Net weight:Gross weight:Shipping volume:	3 x 380-415D V 9.3 A 790-870 % 0.75-0.68 1460 rpm IE3 88,6% 88.6 % 88.9 % 88.3 % 4 55 Dust/Jetting F		





Company name: Created by: Phone:

		Date:	05/10/2
Description	Value	H [m]	
General information:		- 18 -	
Product name:	TPD 80-170/4 A-F-A-BQQE		
Product No:	96108893	16 -	
EAN number:	5700396978598		
Technical:		14 -	
Rated flow:	53.8 m³/h		
Rated head:	14.4 m	12 -	
Head max:	170 dm	_	
Actual impeller diameter:	219 mm	10 -	
Primary shaft seal:	BQQE	_	
Curve tolerance:	ISO9906:2012 3B	8 -	
Pump version:	A	_	
Model:	A	6 -	
Materials:			
Pump housing:	Cast iron	4 -	
	EN-JL1040		
	ASTM A48-40 B	2-	
Impeller:	Cast iron		
	EN-JL1030	o 🖊 👘	
	ASTM A48-30 B	0 10 P	20 30 40
Material code:	A	[kW]	
Installation:		4 -	
Range of ambient temperature:	-30 60 °C		
Maximum operating pressure:	16 bar	3-	
Flange standard:	DIN		
Pipe connection:	DN 80		
Pump inlet:	DN 80	2-	
Pump outlet:	DN 80		
Pressure rating:	PN 16	- 1-	
(@)	500 mm		
Flange size for motor:	FF215	0	
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:	5		
Motor type:	112MC		
IE Efficiency class:	IE3		
Rated power - P2:	2 x 4 kW		
Power (P2) required by pump:	4 kW		
Mains frequency:	50 Hz		
Rated voltage:	3 x 380-415D V		
Rated current:	9.3 A		
Starting current:	790-870 %		
Cos phi - power factor:	0.75-0.68		
Rated speed:	1460 rpm		
Efficiency:	IE3 88,6%		
Motor efficiency at full load:	88.6 %		
Motor efficiency at 3/4 load:	88.9 %		
Motor efficiency at 1/2 load:	88.3 %		
-			
Number of poles:	4 55 Duct/ lotting		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protec:	PTC		
Motor No:	87322330		
Others:			





Company name: Created by: Phone:

		Date:	05/10/2018
escription	Value		
Minimum efficiency index, MEI :	0.70	_	
ErP status:	EuP Standalone/Prod.		
Net weight:	212 kg		
Gross weight:	232 kg		
Shipping volume:	0.64 m³		

