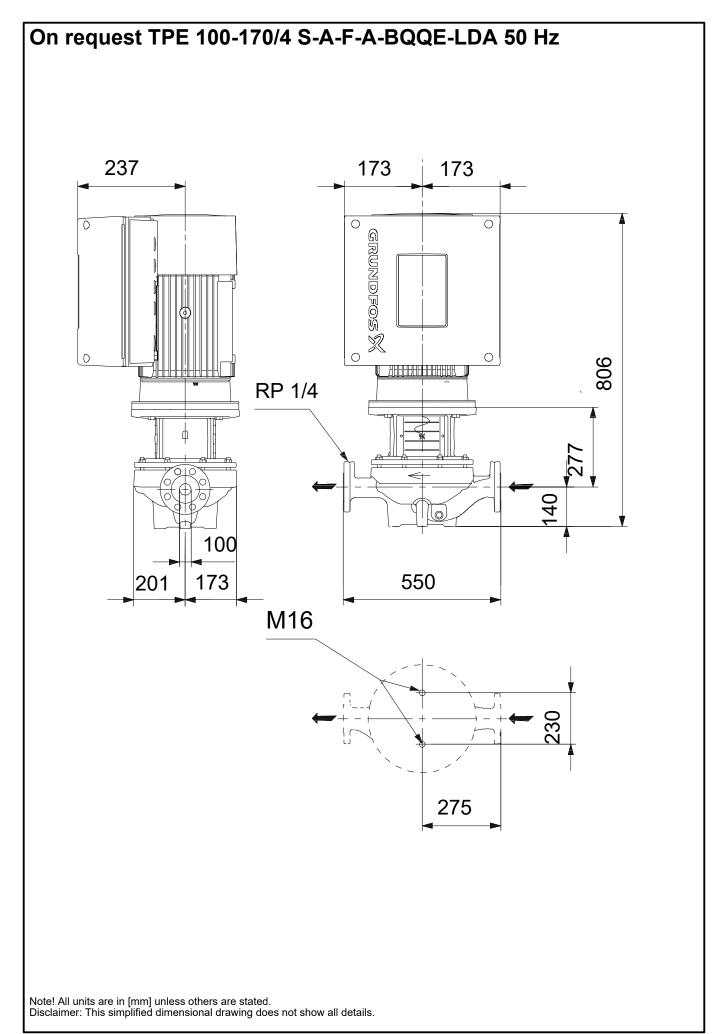
Qty.	Description					
1	TPE 100-170/4 S-A-F-A-BQQE-	LDA				
		Note! Product picture may differ from actual product				
	Product No.: On request					
	Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diameter. The pump is of the top-pull-out design, i.e. the power head (motor, pump head and impeller) can be removed for maintenance or service while the pump housing remains in the pipework. The pump is fitted with an unbalanced rubber bellows seal.					
	The shaft seal is according to EN	I 12756. Pipework connection is via PN 16 DIN flanges (EN 1092-2 and ISO 7005-2).				
	The pump is fitted with a fan-cooled, permanent-magnet synchronous motor. The motor efficiency is classified as IE5 in accordance with IEC 60034-30-2.					
	The motor includes a frequency converter and PI controller in the motor terminal box. This enables continuously variable control of the motor speed, which again enables adaptation of the performance to a given requirement. The pump is fitted with a differential pressure sensor.					
	Controls: Frequency converter:	Built-in				
	Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:	Water -25 120 °C 20 °C 998.2 kg/m³				
	Technical: Pump speed on which pump data Rated flow: Rated head: Actual impeller diameter: Code for shaft seal: Curve tolerance:	a are based: 1455 rpm 93 m³/h 15.4 m 222 mm BQQE ISO9906:2012 3B2				
	Mada di ala					
	Materials: Pump housing: Impeller:	Cast iron EN-GJL-250 ASTM class 35 Cast iron				
		EN-GJL-200 ASTM class 30				
	Installation:					
	Range of ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of connection: Pressure rating for connection: Port-to-port length: Flange size for motor:	-20 50 °C 16 bar 16 bar / 120 °C DIN DN 100 PN 16 550 mm FF265				
	Electrical data:					
	Motor type: IE Efficiency class:	132SG IE5				
	Rated power - P2:	5.5 kW				
<u> </u>	from Crundfoo Braduat Contro (2022 2	2 0011 1/6				

.y.	Description		
1	Mains frequency:	50 Hz	
	Rated voltage:	3 x 380-500 V	
	Rated current:	10.5-8.40 A	
	Cos phi - power factor:	0.92-0.88	
	Rated speed:	180-2200 rpm	
	Efficiency:	91.9%	
	Motor efficiency at full load:	91.9 %	
	Number of poles:	4	
	Enclosure class (IEC 34-5):	IP55	
	Insulation class (IEC 85):	F	
	Motor No:	98971267	
	Others:		
	Minimum efficiency index, MEI	≥: 0.70	
	Net weight:	146 kg	
	Gross weight:	173 kg	
	Shipping volume:	0.395 m ³	
	Danish VVS No.:	381956170	
	Finnish LVI No.:	4616419	
	Norwegian NRF no.:	9043632	
	Country of origin:	HU	
	Country of origin.		

Description	Value	H [m]				0/4, 3*400 V
General information:			L		ture during operat	tion = 20 °C
Product name:	TPE 100-170/4 S-A-F-A-BQQE-LDA	22 -	[Density = 998.2	2 kg/m³	
Product No:		20 -	110 %			
EAN number:	On request	20-				
echnical:	On request		100 %			
Pump speed on which pump data are			100 %			
based:	1455 rpm	16 -				
Rated flow:	93 m³/h	14	90 %			
Rated head:	15.4 m					
laximum head:	170 dm	12 -	80 %			
Actual impeller diameter:	222 mm	10				
Code for shaft seal:	BQQE		70 %			
Curve tolerance:	ISO9906:2012 3B2	8-	M	XX		
Pump version:	A	6 -	60%			
Aterials:						
Pump housing:	Cast iron	4-#	40 %			
Pump housing:	EN-GJL-250	2				
Pump housing:	ASTM class 35		20-5%			
mpeller:	Cast iron	O D	20 4	0 60	80 -	100 Q [m³/h]
mpeller:	EN-GJL-200	P [kW]				
mpeller:	ASTM class 30				1 (motor+freq.cor	werter)
Aaterial code:	A	6 -		P	i (motor+rreq.cor	
nstallation:	20 50 %	5-				P2
Range of ambient temperature:	-20 50 °C	4				-
Aaximum operating pressure:	16 bar					
Aax pressure at stated temp:	16 bar / 120 °C	3 -				
ype of connection:	DIN	2-				
Size of connection:	DN 100	1			=	./
Pressure rating for connection:	PN 16					
Port-to-port length:	550 mm	0 _				
lange size for motor:	FF265	<u>a</u>				
Connect code:	F					
.iquid:		237	173	173		
Pumped liquid:	Water		° g		1	
iquid temperature range:	-25 120 °C					
Selected liquid temperature:	20 °C		, ŝ		~	
Density:	998.2 kg/m³				808	
Electrical data:		•	$[\]$		E	
Notor type:	132SG			╤╢╼ _╕		
E Efficiency class:	IE5		100		•¥	
Rated power - P2:	5.5 kW	201 1	73	550		
lains frequency:	50 Hz		M16			
Rated voltage:	3 x 380-500 V		×.		ŧ	
Rated current:	10.5-8.40 A		-		ł	
Cos phi - power factor:	0.92-0.88		٠.	·	I	
Rated speed:	180-2200 rpm			275		
Efficiency:	91.9%					
Notor efficiency at full load:	91.9 %					
Number of poles:	4					
Enclosure class (IEC 34-5):	IP55					
nsulation class (IEC 85):	F		FER	<u> </u>		
Built-in motor protection:	ELEC			Ø⊕ ™		
Aotor No:	98971267					
Controls:						
Control panel:	HMI300 - Advanced			18 GND 11 DM/OC2 19 P1100/1000		
Function Module:	FM300 - Advanced		E	17 Prissi 1000 12 AO 9 GND		
Frequency converter:	Built-in		*****•			
Dthers:	Duilt-III			21 LigTec 20 GND 22 LigTec		
	0.70	r		10 DIROCT		
/inimum efficiency index, MEI ≥:	0.70		~~•••	2 DH 5 +5 V 6 GND		
Net weight:	146 kg			A GENbus A Y GENbus Y B GENbus B		
Gross weight:	173 kg			3 GND 15 +24 V 8 +34 V		
	0.005		1	24 V		
Shipping volume: Config. file no:	0.395 m ³ 99139842		⊄	26 +5 V 23 GND		

Description	Value
Danish VVS No.:	381956170
Finnish LVI No.:	4616419
Norwegian NRF no.:	9043632
Country of origin:	HU
Custom tariff no.:	84137051



Order Data:					
Position	Your pos.	Product name	Amount	Product No	Total
		TPE 100-170/4	1	On request	Price or reques
					reques