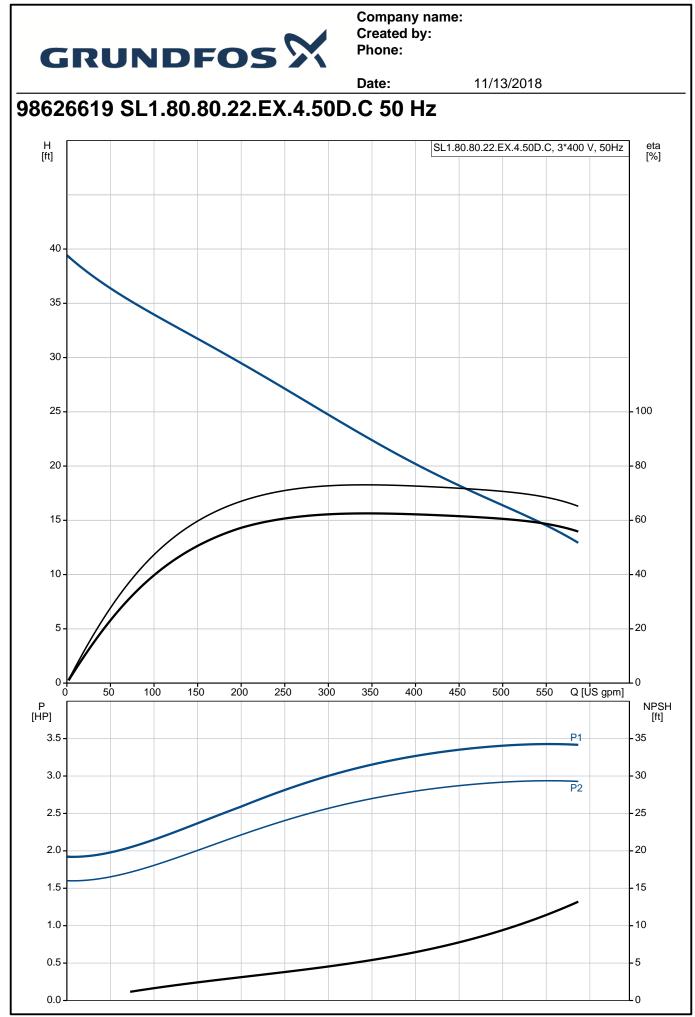


			Date:	11/13/2018						
Position	Count	Description								
	1	SL1.80.80.22.EX.4.50D.C								
			1							
			-11 							
		And And								
			Product photo cou	Id vary from the actual product						
		Product No.: 98626619	Product photo could vary from the actual product Product No : 98626619							
		Non-self-priming, single-stage, centrifugal pump designed for handling wastewater, process water								
		and unscreened raw sewage. The pump is designed for intermittent and continous operations in submerged installatio revolutionary S-tube® impeller provides free spherical passage of solids up to 3 1/8 in a								
	for wastewater with a dry matter content of up to 3 %.									
		A unique stainless-steel clamp assembling system enables quick and easy disassembling from the motor unit for service and inspection. No special tools are required. Pipework via a DIN flange.								
		The pump is explosion-proof.								
		Controls:								
		Moisture sensor:	with moisture sense							
		Water-in-oil sensor:	without water-in-o	il sensor						
		Liquid:								
		Pumped liquid:	any viscous fluid							
		Maximum liquid temperature:	104 °F							
		Density:	62.29 lb/ft <sup>3</sup>							
		Technical:								
		Type of impeller:	S-TUBE							
		Maximum particle size: Primary shaft seal:	3 1/8 in SIC/SIC							
		Secondary shaft seal:	CARBON/CERAM	/ICS						
		Approvals on nameplate:	CE, EN12050-1, A							
		Curve tolerance:	ISO9906:2012 3B	2						
		Materials:								
		Pump housing:	Cast iron (EN-GJL	250)						
		Impeller:	EN-GJL-250 Cast iron (EN-GJL	-250)						
			EN-GJL-250	230)						
		Motor:	EN-GJL-250							
		Installation								
		Installation: Maximum ambient temperature:	104 °F							
		Flange standard:	DIN							
		Pump inlet:	100							
		Pump outlet: Pressure stage:	80 PN 10							
		Maximum installation depth:	65.62 ft							
		Frame range:	B							



sition	Count	DescriptionElectrical data: Power input - P1: Rated power - P2: Main frequency: Rated voltage: Voltage tolerance: Max starts per. hour: Rated current: Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at 4 load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type:Others: Net weight: Country of origin:	2.7 kW 3 HP 50 Hz 3 x 380-415 V +10/-10 % 20 5.6-5.7 A 0.73 0.65 0.52 1462 rpm 85.7 % 85.4 % 82.9 % 4 direct-on-line IP68 H yes 33 ft LYNIFLEX 238 lb	
		Power input - P1: Rated power - P2: Main frequency: Rated voltage: Voltage tolerance: Max starts per. hour: Rated current: Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: Net weight:	3 HP 50 Hz 3 x 380-415 V +10/-10 % 20 5.6-5.7 A 0.73 0.65 0.52 1462 rpm 85.7 % 85.4 % 82.9 % 4 direct-on-line IP68 H yes 33 ft LYNIFLEX 238 lb	
		Rated power - P2: Main frequency: Rated voltage: Voltage tolerance: Max starts per. hour: Rated current: Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: Net weight:	3 HP 50 Hz 3 x 380-415 V +10/-10 % 20 5.6-5.7 A 0.73 0.65 0.52 1462 rpm 85.7 % 85.4 % 82.9 % 4 direct-on-line IP68 H yes 33 ft LYNIFLEX 238 lb	
		Main frequency: Rated voltage: Voltage tolerance: Max starts per. hour: Rated current: Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at 1/2 load: Motor efficiency at 3/4 load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: <b>Others:</b> Net weight:	50 Hz 3 x 380-415 V +10/-10 % 20 5.6-5.7 A 0.73 0.65 0.52 1462 rpm 85.7 % 85.4 % 82.9 % 4 direct-on-line IP68 H yes 33 ft LYNIFLEX 238 lb	
		Rated voltage: Voltage tolerance: Max starts per. hour: Rated current: Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at 1/2 load: Motor efficiency at 3/4 load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: <b>Others:</b> Net weight:	3 x 380-415 V +10/-10 % 20 5.6-5.7 A 0.73 0.65 0.52 1462 rpm 85.7 % 85.4 % 82.9 % 4 direct-on-line IP68 H yes 33 ft LYNIFLEX	
		Voltage tolerance: Max starts per. hour: Rated current: Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at 1/2 load: Motor efficiency at 3/4 load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: <b>Others:</b> Net weight:	+10/-10 % 20 5.6-5.7 A 0.73 0.65 0.52 1462 rpm 85.7 % 85.4 % 82.9 % 4 direct-on-line IP68 H yes 33 ft LYNIFLEX	
		Max starts per. hour: Rated current: Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at 1/2 load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: <b>Others:</b> Net weight:	20 5.6-5.7 A 0.73 0.65 0.52 1462 rpm 85.7 % 85.4 % 82.9 % 4 direct-on-line IP68 H yes 33 ft LYNIFLEX 238 lb	
		Rated current: Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: <b>Others:</b> Net weight:	5.6-5.7 A 0.73 0.65 0.52 1462 rpm 85.7 % 85.4 % 82.9 % 4 direct-on-line IP68 H yes 33 ft LYNIFLEX	
		Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: <b>Others:</b> Net weight:	0.73 0.65 0.52 1462 rpm 85.7 % 85.4 % 82.9 % 4 direct-on-line IP68 H yes 33 ft LYNIFLEX 238 lb	
		Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 35): Explosion proof: Length of cable: Cable type: <b>Others:</b> Net weight:	0.65 0.52 1462 rpm 85.7 % 85.4 % 82.9 % 4 direct-on-line IP68 H yes 33 ft LYNIFLEX 238 lb	
		Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 35): Explosion proof: Length of cable: Cable type: Others: Net weight:	0.52 1462 rpm 85.7 % 85.4 % 82.9 % 4 direct-on-line IP68 H yes 33 ft LYNIFLEX 238 lb	
		Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: Others: Net weight:	1462 rpm 85.7 % 85.4 % 82.9 % 4 direct-on-line IP68 H yes 33 ft LYNIFLEX 238 lb	
		Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: Others: Net weight:	85.7 % 85.4 % 82.9 % 4 direct-on-line IP68 H yes 33 ft LYNIFLEX 238 lb	
		Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: Others: Net weight:	85.4 % 82.9 % 4 direct-on-line IP68 H yes 33 ft LYNIFLEX 238 lb	
		Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: Others: Net weight:	82.9 % 4 direct-on-line IP68 H yes 33 ft LYNIFLEX 238 lb	
		Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: Others: Net weight:	4 direct-on-line IP68 H yes 33 ft LYNIFLEX 238 lb	
		Number of poles: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: Others: Net weight:	4 direct-on-line IP68 H yes 33 ft LYNIFLEX 238 lb	
		Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: Others: Net weight:	direct-on-line IP68 H yes 33 ft LYNIFLEX 238 lb	
		Enclosure class (IEC 34-5): Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: Others: Net weight:	IP68 H yes 33 ft LYNIFLEX 238 lb	
		Insulation class (IEC 85): Explosion proof: Length of cable: Cable type: Others: Net weight:	H yes 33 ft LYNIFLEX 238 lb	
		Explosion proof: Length of cable: Cable type: Others: Net weight:	yes 33 ft LYNIFLEX 238 lb	
		Length of cable: Cable type: Others: Net weight:	33 ft LYNIFLEX 238 lb	
		Cable type: Others: Net weight:	LYNIFLEX 238 lb	
		Others: Net weight:	238 lb	
		Net weight:		
		Net weight:		
			HU	
		Custom tariff no.:	84137021	
			01101021	
1				





Description	Value	H [ft]	SL1.80.80.22.EX.4.50
eneral information:			
oduct name:	SL1.80.80.22.EX.4.50D.C		
oduct No.:	98626619	40 -	
AN:	5711498476196	—	
echnical:		35 -	
ax flow:	586 US gpm		
lead max:	39.37 ft	30 -	
Type of impeller:	S-TUBE	30-	
Aaximum particle size:	3 1/8 in	05	
Primary shaft seal:	SIC/SIC	25 -	
Secondary shaft seal:	CARBON/CERAMICS	_	
Approvals on nameplate:	CE, EN12050-1, ATEX	20 -	
Curve tolerance:	ISO9906:2012 3B2		
Cooling jacket:		15 -	
	without cooling jacket	_ /	
Materials:		10-	
Pump housing:	Cast iron (EN-GJL-250)		
	EN-GJL-250	5-	
mpeller:	Cast iron (EN-GJL-250)		
	EN-GJL-250	0 <b>//</b> 0 100	0 200 300 400
1otor:	EN-GJL-250	— P	
stallation:		[HP]	
laximum ambient temperature:	104 °F		
lange standard:	DIN	3.0 -	
ump inlet:	100	2.5 -	
ump outlet:	80	2.0 -	
ressure stage:	PN 10		
laximum installation depth:	65.62 ft	1.5 -	
nst dry/wet:	SUBMERGED	1.0 -	
nstallation:	Vertical	0.5 -	
rame range:	В		
.iquid:		0.0	
Pumped liquid:	any viscous fluid		
Aaximum liquid temperature:	104 °F		
ensity:	62.29 lb/ft <sup>3</sup>		
ectrical data:			
Power input - P1:	2.7 kW		
ated power - P2:	3 HP		
lain frequency:	50 Hz		
Rated voltage:	3 x 380-415 V		
oltage tolerance:	+10/-10 %		
lax starts per. hour:	20		
ated current:	5.6-5.7 A		
Cos phi - power factor:	0.73		
os phi - p.f. at 3/4 load:	0.65		
Cos phi - p.f. at 1/2 load:	0.52		
Rated speed:			
Aotor efficiency at full load:	1462 rpm 85.7 %		
-			
Notor efficiency at 3/4 load:	85.4 %		
lotor efficiency at 1/2 load:	82.9 %		
lumber of poles:	4 diagonal and line		
Start. method:	direct-on-line		
Enclosure class (IEC 34-5):	IP68		
nsulation class (IEC 85):	Н		
Explosion proof:	yes		
Motor protection:	THERMAL SWITCH		
ength of cable:	33 ft		
Cable type:			

eta [%]

- 100

- 80

- 60

- 40

20

0

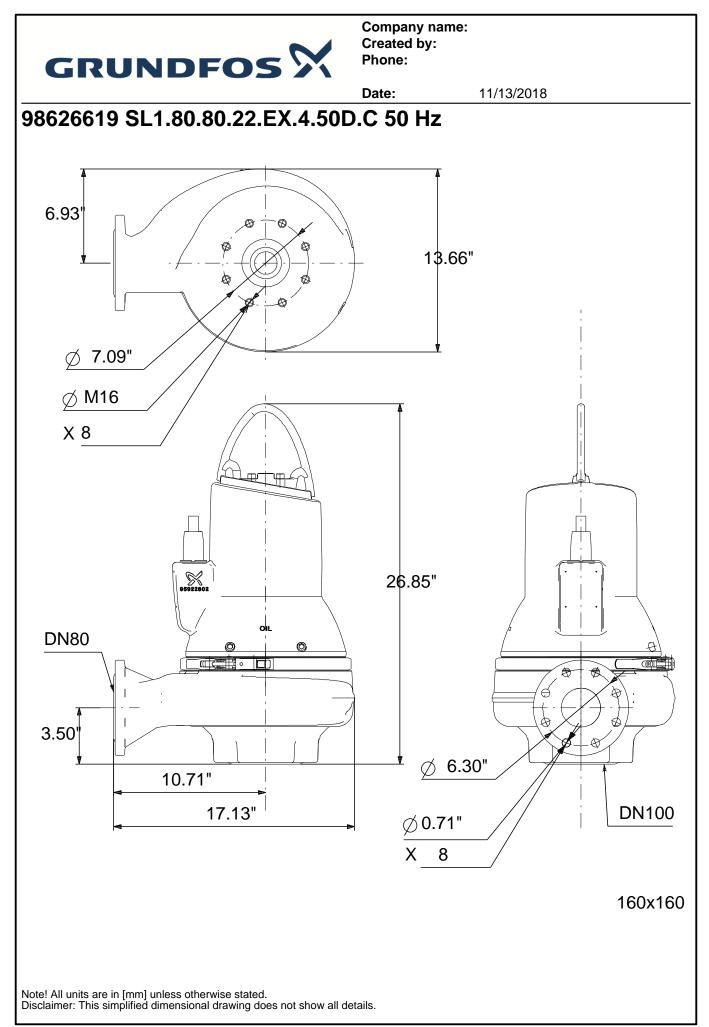
- 30

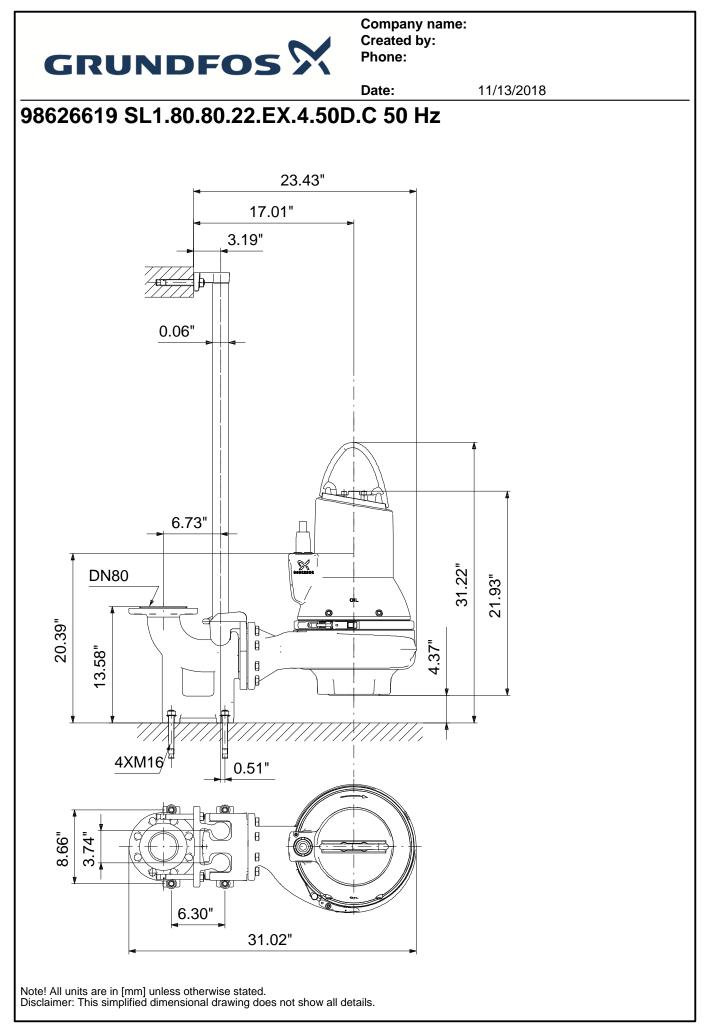
- 25 - 20 - 15 - 10 -5 -0

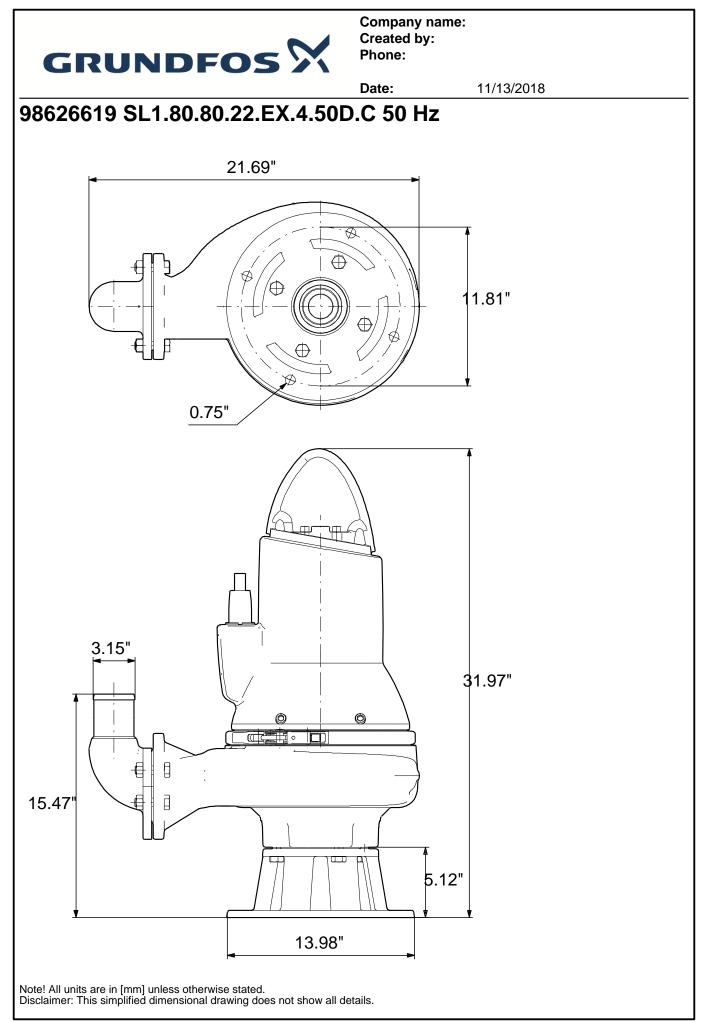
NPSH [ft]

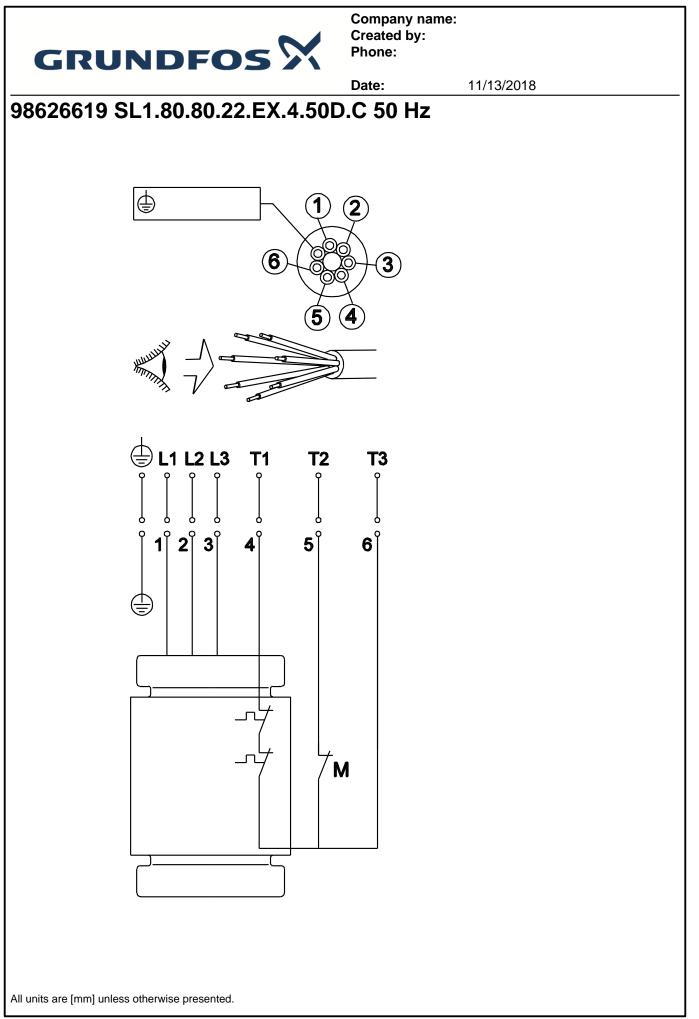


		Date:	11/13/2018
Description	Value		
Control box:	not included	_	
Moisture sensor:	with moisture sensors		
Water-in-oil sensor:	without water-in-oil sensor		
Others:			
Net weight:	238 lb		
Country of origin:	HU		
Custom tariff no .:	84137021		









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