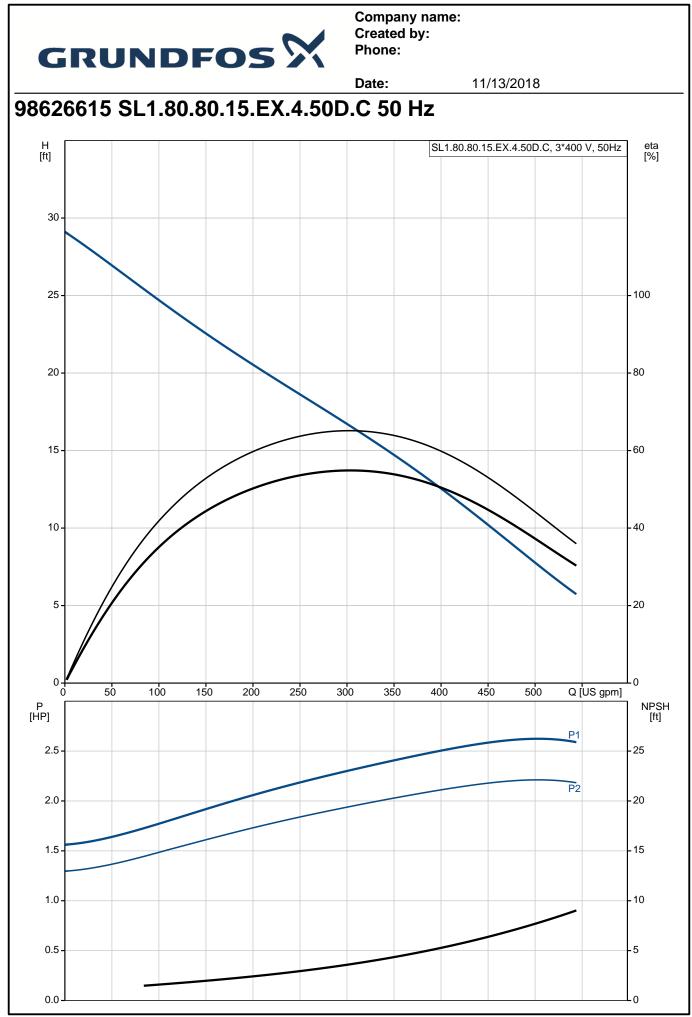


		INDFOS 2	Date:	11/13/2018		
Position	Count	Description				
	1	SL1.80.80.15.EX.4.50D.C				
			a			
		Product No.: 98626615	Product photo cou	d vary from the actual product		
		Non-self-priming, single-stage, c and unscreened raw sewage.	entrifugal pump de	signed for handling wastewater, process water		
		The pump is designed for interm revolutionary S-tube® impeller p for wastewater with a dry matter	rovides free spheric	operations in submerged installation. The cal passage of solids up to 3 1/8 in and is suitable %.		
		A unique stainless-steel clamp assembling system enables quick and easy disassembly of the pu from the motor unit for service and inspection. No special tools are required. Pipework connection via a DIN flange.				
		The pump is explosion-proof.				
		<b>Controls:</b> Moisture sensor: Water-in-oil sensor:	with moisture sens without water-in-oi			
		<b>Liquid:</b> Pumped liquid: Maximum liquid temperature: Density:	any viscous fluid 104 °F 62.29 lb/ft³			
		<b>Technical:</b> Type of impeller: Maximum particle size: Primary shaft seal: Secondary shaft seal: Approvals on nameplate: Curve tolerance:	S-TUBE 3 1/8 in SIC/SIC CARBON/CERAM CE, EN12050-1, A ISO9906:2012 3B2	TEX		
		<b>Materials:</b> Pump housing:	Cast iron (EN-GJL EN-GJL-250			
		Impeller: Motor:	Cast iron (EN-GJL EN-GJL-250 EN-GJL-250	-250)		
		Installation: Maximum ambient temperature: Flange standard: Pump inlet: Pump outlet: Pressure stage: Maximum installation depth:	104 °F DIN 100 80 PN 10 65.62 ft			
		Frame range:	B			

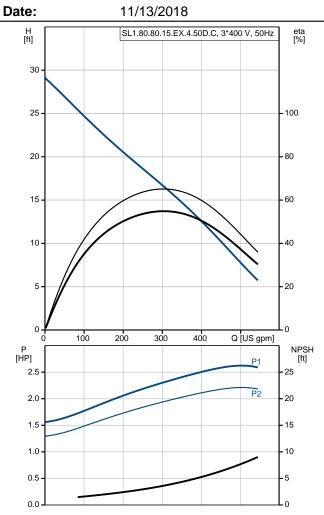


sition	Count	Description		
		Electrical data:		
		Power input - P1:	1.9 kW	
		Rated power - P2:	2 HP	
		Main frequency:	50 Hz	
		Rated voltage:	3 x 380-415 V	
		Voltage tolerance:	+10/-10 % 20	
		Max starts per. hour: Rated current:	20 4.1-4.2 A	
		Cos phi - power factor:	0.70	
		Cos phi - p.f. at 3/4 load:	0.61	
		Cos phi - p.f. at 1/2 load:	0.48	
		Rated speed:	1452 rpm	
		Motor efficiency at full load:	84.3 %	
		Motor efficiency at 3/4 load:	83.9 %	
		Motor efficiency at 1/2 load:	81.8 %	
		Number of poles:	4	
		Start. method:	direct-on-line	
		Enclosure class (IEC 34-5):	IP68	
		Insulation class (IEC 85):	Н	
		Explosion proof:	yes	
		Length of cable:	33 ft	
		Cable type:	LYNIFLEX	
		Others:		
		Net weight:	222 lb	
		Country of origin:	HU	
		Custom tariff no.:	84137021	



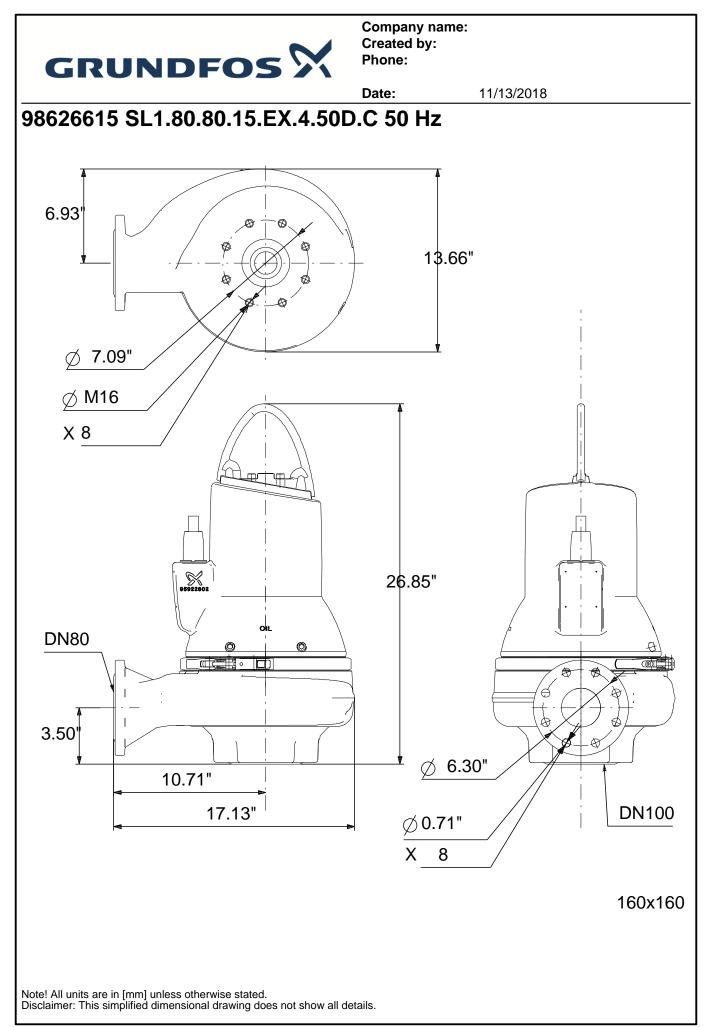


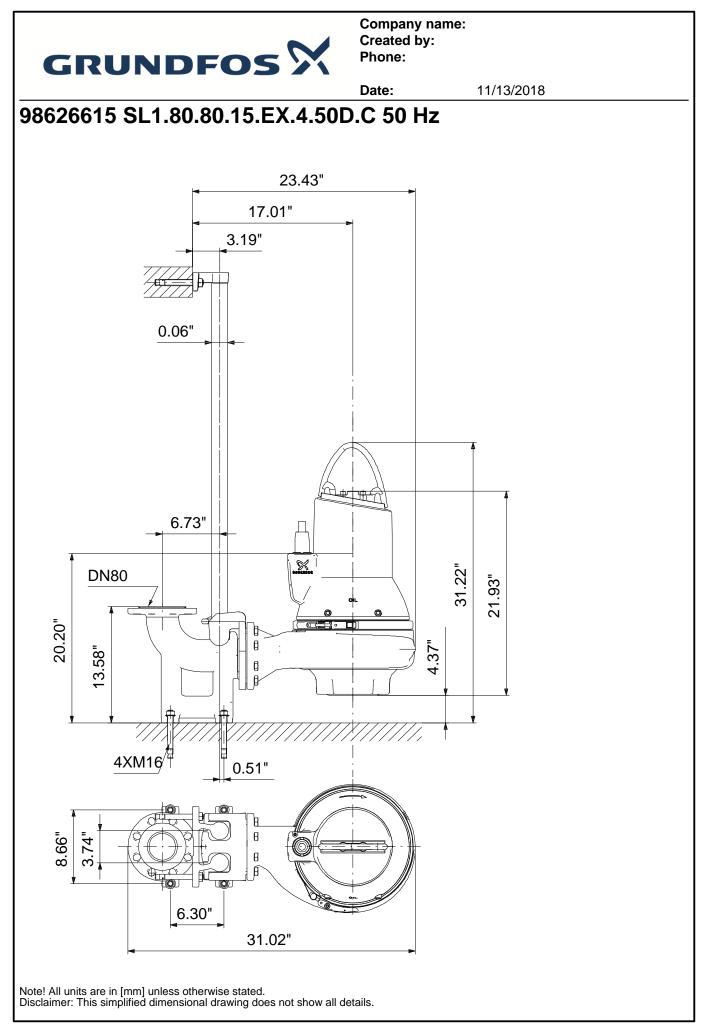
Maximum ambient temperature:104 °FFlange standard:DINPump inlet:100Pump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Pumped liquid:Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at full load:83.9 %Motor efficiency at 3/4 load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes			Da
Product name:SL1.80.80.15.EX.4.50D.CProduct No.:98626615EAN:5711498476110Technical:*********************************	Description	Value	_
Product No.:98626615EAN:5711498476110Technical:5711498476110Max flow:542 US gpmHead max:29.2 ftType of impeller:S-TUBEMaximum particle size:3 1/8 inPrimary shaft seal:CARBON/CERAMICSApprovals on nameplate:CE, EN12050-1, ATEXCurve tolerance:ISO9906:2012 3B2Cooling jacket:without cooling jacketMaterials:Pump housing:Cast iron (EN-GJL-250)EN-GJL-250Impeller:Cast iron (EN-GJL-250)Installation:Cast iron (EN-GJL-250)Motor:EN-GJL-250Installation:UA °FFlange standard:DINPump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInstallation:VerticalFrame range:BLiquid:Iny viscous fluidMaximum liquid temperature:104 °FPumped liquid:any viscous fluidMaximum liquid temperature:104 °FPumped liquid:SUBMERGEDInstallation:VerticalFrame range:BLiquid:PNPumped liquid:any viscous fluidMaximum liquid temperature:104 °FPoensity:62.29 lb/ft³Electrical data:PNPower input - P1:1.9 kWRated oplage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated voltage: <td>General information:</td> <td></td> <td></td>	General information:		
EAN: 5711498476110 Technical: Max flow: 542 US gpm Head max: 29.2 ft Type of impeller: S-TUBE Maximum particle size: 3 1/8 in Primary shaft seal: SIC/SIC Secondary shaft seal: CARBON/CERAMICS Approvals on nameplate: CE, EN12050-1, ATEX Curve tolerance: ISO9906:2012 3B2 Cooling jacket: without cooling jacket Materials: Pump housing: Cast iron (EN-GJL-250) EN-GJL-250 Impeller: Cast iron (EN-GJL-250) EN-GJL-250 Impeller: Cast iron (EN-GJL-250) Impeller: DIN Pump inlet: 104 °F Flange standard: DIN Pump inlet: 80 Pressure stage: PN 10 Maximum installation depth: 65.62 ft Installation: Vertical Frame range: B Liquid: Frame range: B Liquid: Frame range: B Liquid: Frame range: 04 °F Density: 62.29 lb/ft³ Electrical data: Pumped liquid: any viscous fluid Maximum inguid temperature: 104 °F Density: 62.29 lb/ft³ Electrical data: Power input - P1: 1.9 kW Rated power - P2: 2 HP Main frequency: 50 Hz Rated voltage: 3 x 380-415 V Voltage tolerance: +10/-10 % Max stats per. hour: 20 Rated voltage: 3 x 380-415 V Voltage tolerance: +10/-10 % Max stats per. hour: 20 Rated ourent: 4.1-4.2 A Cos phi - p.f. at 1/2 load: 0.61 Cos phi - p.f. at 1/2 load: 0.48 Rated speed: 1452 rpm Motor efficiency at 1/2 load: 83.9 % Motor efficiency at 1/2 load: 81.8 % Number of poles: 4 Stat. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation proof: yes	Product name:	SL1.80.80.15.EX.4.50D.C	
Technical:Max flow:542 US gpmHead max:29.2 ftType of impeller:S-TUBEMaximum particle size:3 1/8 inPrimary shaft seal:SIC/SICSecondary shaft seal:CARBON/CERAMICSApprovals on nameplate:CE, EN12050-1, ATEXCurve tolerance:ISO9906:2012 3B2Cooling jacket:without cooling jacketMaterials:Pump housing:Cast iron (EN-GJL-250)EN-GJL-250Impeller:Cast iron (EN-GJL-250)Installation:EN-GJL-250Motor:EN-GJL-250Maximum ambient temperature:104 °FFlange standard:DINPump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstaliviton:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:PPumped liquid:any viscous fluidMaximum fluid temperature:104 °FDensity:62.29 lb/ft³Electrical data:PVoltage tolerance:+10/-10 %Max stats per. hour:20Rated voltage:3 x380-415 VVoltage tolerance:+10/-10 %Max stats per. hour:20Rated voltage:0.48Rated voltage:0.48Rated opped:0.48Rated opped: <td< td=""><td>Product No.:</td><td>98626615</td><td></td></td<>	Product No.:	98626615	
Max flow:542 US gpmHead max:29.2 ftType of impeller:S-TUBEMaximum particle size:3 1/8 inPrimary shaft seal:SIC/SICSecondary shaft seal:CARBON/CERAMICSApprovals on nameplate:CE, EN12050-1, ATEXCurve tolerance:ISO9906:2012 3B2Cooling jacket:without cooling jacketMaterials:Pump housing:Cast iron (EN-GJL-250)EN-GJL-250Impeller:Cast iron (EN-GJL-250)EN-GJL-250EN-GJL-250Motor:EN-GJL-250Installation:UNPump outlet:104 °FPlange standard:DINPump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BEliquid:any viscous fluidMaximum liquid temperature:104 °FPumped liquid:any viscous fluidMaximum liquid temperature:104 °FPumped liquid:any viscous fluidMaximum fliquid temperature:104 °FPumped liquid:3 x 380-415 VVoltage tolerance:+ 10/-10 %Max starts per. hour:20Rated operer P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+ 10/-10 %Max starts per. hour:20Rated ournent:4.14.2 ACos phi - p.f. at 1/2 load:0.4	EAN:	5711498476110	
Head max:29.2 ftType of impeller:S-TUBEMaximum particle size:3 1/8 inPrimary shaft seal:SIC/SICSecondary shaft seal:CARBON/CERAMICSApprovals on nameplate:CE, EN12050-1, ATEXCurve tolerance:ISO9906:2012 3B2Cooling jacket:without cooling jacketMaterials:Pump housing:Cast iron (EN-GJL-250)EN-GJL-250Impeller:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Imstallation:EN-GJL-250Motor:EN-GJL-250Maximum ambient temperature:104 °FFlange standard:DINPump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FPomped liquid:any viscous fluidMaximum liquid temperature:104 °FPompel inguid:any viscous fluidMaximum liquid temperature:104 °FPomyer input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated outrance:+ 10/-10 %Max starts per. hour:20Rated outrance:4.14-2.ACos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:8.9 %	Technical:		
Type of impeller:S-TUBEMaximum particle size:3 1/8 inPrimary shaft seal:SIC/SICSecondary shaft seal:CARBON/CERAMICSApprovals on nameplate:CE, EN12050-1, ATEXCurve tolerance:ISO9906:2012 3B2Coling jacket:without cooling jacketMaterials:Pump housing:Cast iron (EN-GJL-250)EN-GJL-250Impeller:Cast iron (EN-GJL-250)Installation:Maximum ambient temperature:104 °FFlange standard:DINPump noutlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInstallation:VerticalPressure stage:PN 10Maximum installation depth:65.62 ftInstallation:VerticalFrame range:BLiquid:Inst op/wet:Pumped liquid:any viscous fluidMaximum liquid temperature:104 °FPensity:62.29 lb/ft³Electrical data:Power input - P1:Power input - P1:1.9 kWRated opwer - P2:2 HPMain frequency:50 HzRated outage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at 1/4 load:83.9 %Motor efficiency at 1/4 load:83.9 %Motor efficiency at 1/4 load:81.8 % <td>Max flow:</td> <td>542 US gpm</td> <td></td>	Max flow:	542 US gpm	
Maximum particle size:3 1/8 inPrimary shaft seal:SIC/SICSecondary shaft seal:CARBON/CERAMICSApprovals on nameplate:CE, EN12050-1, ATEXCurve tolerance:ISO9906:2012 382Cooling jacket:without cooling jacketMaterials:Pump housing:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Installation:EN-GJL-250Motor:EN-GJL-250Installation:UNPump inlet:104 °FFlange standard:DINPump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Power input - P1:Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.14.2 ACos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at 3/4 load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lin	Head max:	29.2 ft	
Primary shaft seal:SIC/SICSecondary shaft seal:CARBON/CERAMICSApprovals on nameplate:CE, EN12050-1, ATEXCurve tolerance:ISO9906:2012 3B2Cooling jacket:without cooling jacketMaterials:EN-GJL-250Impeller:Cast iron (EN-GJL-250)EN-GJL-250EN-GJL-250Motor:EN-GJL-250Maximum ambient temperature:104 °FFlange standard:DINPump noutlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:PonePower input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated outlage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.14.2 ACos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at 1/4 load:0.61Cos phi - p.f. at 1/2 load:8.18 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation:Yes	Type of impeller:	S-TUBE	
Secondary shaft seal:CARBON/CERAMICSApprovals on nameplate:CE, EN12050-1, ATEXCurve tolerance:ISO9906:2012 3B2Cooling jacket:without cooling jacketMaterials:Pump housing:Pump housing:Cast iron (EN-GJL-250)EN-GJL-250EN-GJL-250Motor:EN-GJL-250Motor:EN-GJL-250Motor:Installation:Maximum ambient temperature:104 °FFlange standard:DINPump nelt:100Pump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FPomped liquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:PumpedPower input - P1:1.9 kWRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per, hour:20Rated voltage:3 x 380-415 VVoltage tolerance:+14.2 ACos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:81.8 %Motor efficiency at 1/2 load:81.8 %Muther of poles:4Start. method:direct-on-lineEnclosure class	Maximum particle size:	3 1/8 in	
Approvals on nameplate:CE, EN12050-1, ATEXCurve tolerance:ISO9906:2012 3B2Cooling jacket:without cooling jacketMaterials:Encoll-250Pump housing:Cast iron (EN-GJL-250)EN-GJL-250EN-GJL-250Impeller:Cast iron (EN-GJL-250)Installation:EN-GJL-250Maximum ambient temperature:104 °FFlange standard:DINPump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FPumped liquid:any viscous fluidMaximum liquid temperature:104 °FPower input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max stats per. hour:20Rated ourrent:4.1-4.2 ACos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 84-5):HExplosion proof:yes	Primary shaft seal:	SIC/SIC	
Curve tolerance:ISO9906:2012 3B2Cooling jacket:without cooling jacketMaterials: $\end{tabular}$ Pump housing:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Motor:EN-GJL-250Installation: $\end{tabular}$ Maximum ambient temperature:104 °FFlange standard:DINPump inlet:100Pump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Power input - P1:Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:Girect-on-lineEnclosure class (IEC 84.5):IP68Insulation class (IEC 85):HExplosion proof:yes	Secondary shaft seal:	CARBON/CERAMICS	
Cooling jacket:without cooling jacketMaterials:Pump housing:Cast iron (EN-GJL-250)EN-GJL-250Impeller:Cast iron (EN-GJL-250)Motor:EN-GJL-250Installation:EN-GJL-250Installation:DINMaximum ambient temperature:104 °FFlange standard:DINPump inlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/tl3Electrical data:Pumped liquid:Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated oblage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.14.2 ACos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:83.9 %Motor efficiency at full load:84.3 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:61/ect-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Approvals on nameplate:	CE, EN12050-1, ATEX	
Materials:Cast iron (EN-GJL-250)Pump housing:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Motor:EN-GJL-250Installation:EN-GJL-250Maximum ambient temperature:104 °FFlange standard:DINPump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInstallation:VerticalFrame range:BLiquid:Total °FPumped liquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/t³Electrical data:PPower input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:83.9 %Motor efficiency at full load:84.3 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:efficet-on-lineEnclosure class (IEC 845):IP68Insulation class (IEC 85):HExplosion proof:yes	Curve tolerance:	ISO9906:2012 3B2	
Pump housing:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Motor:EN-GJL-250Installation:EN-GJL-250Maximum ambient temperature:104 °FFlange standard:DINPump inlet:100Pump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Power input - P1:Power input - P1:1.9 kWRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.14.2 ACos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at full load:84.3 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Cooling jacket:	without cooling jacket	
EN-GJL-250Impeller:Cast iron (EN-GJL-250) $EN-GJL-250$ Motor: $EN-GJL-250$ Installation: $EN-GJL-250$ Maximum ambient temperature: $104  ^\circ F$ Flange standard:DINPump inlet: $100$ Pump outlet: $80$ Pressure stage:PN 10Maximum installation depth: $65.62  ft$ Inst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature: $104  ^\circ F$ Density: $62.29  lb/t3$ Electrical data:Power input - P1:Power input - P1: $1.9  kW$ Rated power - P2: $2  HP$ Main frequency: $50  Hz$ Rated voltage: $3  x  380-415  V$ Voltage tolerance: $+10/-10  \%$ Max starts per. hour: $20$ Rated current: $4.1-4.2  A$ Cos phi - p.f. at $3/4  load$ : $0.61$ Cos phi - p.f. at $3/4  load$ : $0.61$ Cos phi - p.f. at $1/2  load$ : $81.8  \%$ Motor efficiency at full load: $81.8  \%$ Mumber of poles: $4$ Start. method:direct-on-lineEnclosure class (IEC $34-5$ ):IP68Insulation class (IEC $85$ ):HExplosion proof:yes	Materials:		
Impeller:Cast iron (EN-GJL-250)Motor:EN-GJL-250Installation:EN-GJL-250Installation:DINMaximum ambient temperature: $104  {}^\circ F$ Flange standard:DINPump inlet: $100  {}^\circ$ Pump outlet: $80  {}^\circ$ Pressure stage:PN 10Maximum installation depth: $65.62  {}^\circ$ Inst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:104 $^\circ F$ Pumped liquid:any viscous fluidMaximum liquid temperature: $104 ^\circ F$ Density: $62.29  {}^\circ$ Power input - P1: $1.9  {}^\circ$ WRated power - P2: $2  {}^\circ$ Rated voltage: $3  x  380-415  {}^\circ$ Voltage tolerance: $+10/-10  {}^\circ$ Max starts per. hour: $20  {}^\circ$ Rated current: $0.70  {}^\circ$ Cos phi - p.f. at $3/4  {}^\circ$ $0.61  {}^\circ$ Cos phi - p.f. at $3/4  {}^\circ$ $0.48  {}^\circ$ Rated speed: $1452  {}^\circ$ Motor efficiency at full load: $81.8  {}^\circ$ Motor efficiency at $1/2  {}^\circ$ $4  {}^\circ$ Start. method:direct-on-lineEnclosure class (IEC $34-5$ ):HExplosion proof:yes	Pump housing:	Cast iron (EN-GJL-250)	
EN-GJL-250Motor:EN-GJL-250Installation: $\mathbb{N}$ Maximum ambient temperature: $104  {}^{\circ} F$ Flange standard:DINPump inlet: $100$ Pump outlet: $80$ Pressure stage:PN 10Maximum installation depth: $65.62  ft$ Inst dry/wet:SUBMERGEDInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature: $104  {}^{\circ} F$ Density: $62.29  \text{ lb/ft}^3$ Electrical data:Power input - P1:Power input - P1: $1.9  \text{kW}$ Rated power - P2: $2  \text{HP}$ Main frequency: $50  \text{Hz}$ Rated voltage: $3 \times 380-415  \text{V}$ Voltage tolerance: $+10/-10  \%$ Max starts per. hour: $20$ Rated current: $4.1-4.2  \text{A}$ Cos phi - p.f. at $3/4  \logad$ : $0.61$ Cos phi - p.f. at $3/4  \logad$ : $0.61$ Cos phi - p.f. at $3/4  \logad$ : $83.9  \%$ Motor efficiency at full load: $84.3  \%$ Motor efficiency at $1/2  \logad$ : $81.8  \%$ Number of poles: $4$ Start. method:direct-on-lineEnclosure class (IEC 85):HExplosion proof:yes		EN-GJL-250	
EN-GJL-250Motor:EN-GJL-250Installation: $\mathbb{N}$ Maximum ambient temperature: $104  {}^{\circ} F$ Flange standard:DINPump inlet: $100$ Pump outlet: $80$ Pressure stage:PN 10Maximum installation depth: $65.62  ft$ Inst dry/wet:SUBMERGEDInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature: $104  {}^{\circ} F$ Density: $62.29  \text{ lb/ft}^3$ Electrical data:Power input - P1:Power input - P1: $1.9  \text{kW}$ Rated power - P2: $2  \text{HP}$ Main frequency: $50  \text{Hz}$ Rated voltage: $3 \times 380-415  \text{V}$ Voltage tolerance: $+10/-10  \%$ Max starts per. hour: $20$ Rated current: $4.1-4.2  \text{A}$ Cos phi - p.f. at $3/4  \logad$ : $0.61$ Cos phi - p.f. at $3/4  \logad$ : $0.61$ Cos phi - p.f. at $3/4  \logad$ : $83.9  \%$ Motor efficiency at full load: $84.3  \%$ Motor efficiency at $1/2  \logad$ : $81.8  \%$ Number of poles: $4$ Start. method:direct-on-lineEnclosure class (IEC 85):HExplosion proof:yes	Impeller:	Cast iron (EN-GJL-250)	
Installation:Maximum ambient temperature: $104  {}^{\circ}F$ Flange standard:DINPump inlet: $100$ Pump outlet: $80$ Pressure stage:PN 10Maximum installation depth: $65.62  ft$ Inst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidPumped liquid:any viscous fluidMaximum liquid temperature: $104  {}^{\circ}F$ Density: $62.29  lb/ft^3$ Electrical data:PPower input - P1: $1.9  kW$ Rated power - P2: $2  HP$ Main frequency: $50  Hz$ Rated voltage: $3 \times 380-415  V$ Voltage tolerance: $+10/-10  \%$ Max starts per. hour: $20$ Rated current: $4.1-4.2  A$ Cos phi - p.f. at $3/4  load$ : $0.61$ Cos phi - p.f. at $3/4  load$ : $0.61$ Cos phi - p.f. at $1/2  load$ : $81.8  \%$ Motor efficiency at full load: $83.9  \%$ Motor efficiency at $1/2  load$ : $81.8  \%$ Number of poles: $4$ Start. method:direct-on-lineEnclosure class (IEC $34-5$ ):IP68Insulation class (IEC $85$ ):HExplosion proof:yes		, ,	
Maximum ambient temperature:104 °FFlange standard:DINPump inlet:100Pump outlet:80Pressure stage:PN 10Maximum installation depth: $65.62$ ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature: $104 °F$ Density: $62.29$ lb/ft³Electrical data:Power input - P1:Power input - P1: $1.9$ kWRated power - P2: $2$ HPMain frequency: $50$ HzRated voltage: $3 \times 380-415$ VVoltage tolerance: $+10/-10$ %Max starts per. hour: $20$ Rated current: $4.1-4.2$ ACos phi - p.f. at $3/4$ load: $0.61$ Cos phi - p.f. at $1/2$ load: $0.48$ Rated speed: $1452$ rpmMotor efficiency at full load: $83.9$ %Motor efficiency at $3/4$ load: $83.9$ %Motor efficiency at $1/2$ load: $81.8$ %Number of poles: $4$ Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Motor:	EN-GJL-250	
Flange standard:DINPump inlet:100Pump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Power input - P1:Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:0.48Cos phi - p.f. at 3/4 load:0.48Cos phi - p.f. at 3/4 load:0.48Cos phi - p.f. at 3/4 load:81.3 %Motor efficiency at full load:84.3 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Installation:		[ŀ
Pump inlet:100Pump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Power input - P1:Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - power factor:0.70Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:84.3 %Motor efficiency at full load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Maximum ambient temperature:	104 °F	
Pump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Pumped liquid:Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:0.48Rated speed:1452 rpmMotor efficiency at full load:81.8 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Flange standard:	DIN	
Pump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Pumped liquid:Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:0.48Rated speed:1452 rpmMotor efficiency at full load:81.8 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Pump inlet:	100	
Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Pumped liquid:Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 3/4 load:0.48Rated speed:1452 rpmMotor efficiency at full load:84.3 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes		80	
Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Pwer input - P1:Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:84.3 %Motor efficiency at full load:84.3 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 35):HExplosion proof:yes		PN 10	
Inst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Power input - P1:Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - power factor:0.61Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:84.3 %Motor efficiency at full load:81.8 %Mumber of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes		65.62 ft	
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Liquid:any viscous fluidPumped liquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:	•	Vertical	
Liquid:any viscous fluidPumped liquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Power input - P1:Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - power factor:0.70Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at full load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Frame range:	В	
Maximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:-Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - power factor:0.70Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at full load:81.8 %Number of poles:4Start. method:cirect-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes			
Density:62.29 lb/ft³Electrical data:Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - power factor:0.70Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at 1/2 load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Pumped liquid:	any viscous fluid	
Density:62.29 lb/ft³Electrical data:Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - power factor:0.70Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at 1/2 load:81.8 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Maximum liquid temperature:	104 °F	
Power input - P1:1.9 kWRated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - power factor:0.70Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at full load:81.3 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes		62.29 lb/ft <sup>3</sup>	
Rated power - P2:2 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - power factor:0.70Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at full load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:cirect-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Electrical data:		
Main frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - power factor:0.70Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at full load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:cirect-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Power input - P1:	1.9 kW	
Main frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - power factor:0.70Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at full load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:cirect-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Rated power - P2:	2 HP	
Voltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.1-4.2 ACos phi - power factor:0.70Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at full load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes		50 Hz	
Max starts per. hour:20Rated current:4.1-4.2 ACos phi - power factor:0.70Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at full load:84.3 %Motor efficiency at 3/4 load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:lirect-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Rated voltage:	3 x 380-415 V	
Rated current:4.1-4.2 ACos phi - power factor:0.70Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at full load:84.3 %Motor efficiency at 3/4 load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Voltage tolerance:	+10/-10 %	
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Cos phi - p.f. at 3/4 load:0.61Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at full load:84.3 %Motor efficiency at 3/4 load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Rated current:	4.1-4.2 A	
Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at full load:84.3 %Motor efficiency at 3/4 load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Cos phi - power factor:	0.70	
Cos phi - p.f. at 1/2 load:0.48Rated speed:1452 rpmMotor efficiency at full load:84.3 %Motor efficiency at 3/4 load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	Cos phi - p.f. at 3/4 load:	0.61	
Rated speed:1452 rpmMotor efficiency at full load:84.3 %Motor efficiency at 3/4 load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes		0.48	
Motor efficiency at full load:84.3 %Motor efficiency at 3/4 load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes		1452 rpm	
Motor efficiency at 3/4 load:83.9 %Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes		84.3 %	
Motor efficiency at 1/2 load:81.8 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	-		
Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	-	81.8 %	
Enclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:yes	-	4	
Insulation class (IEC 85): H Explosion proof: yes	Start. method:	direct-on-line	
Insulation class (IEC 85): H Explosion proof: yes	Enclosure class (IEC 34-5):	IP68	
Explosion proof: yes		Н	
		yes	
Motor protection: THERMAL SWITCH		•	
Length of cable: 33 ft		33 ft	
Cable type: LYNIFLEX		LYNIFLEX	
Controls:			

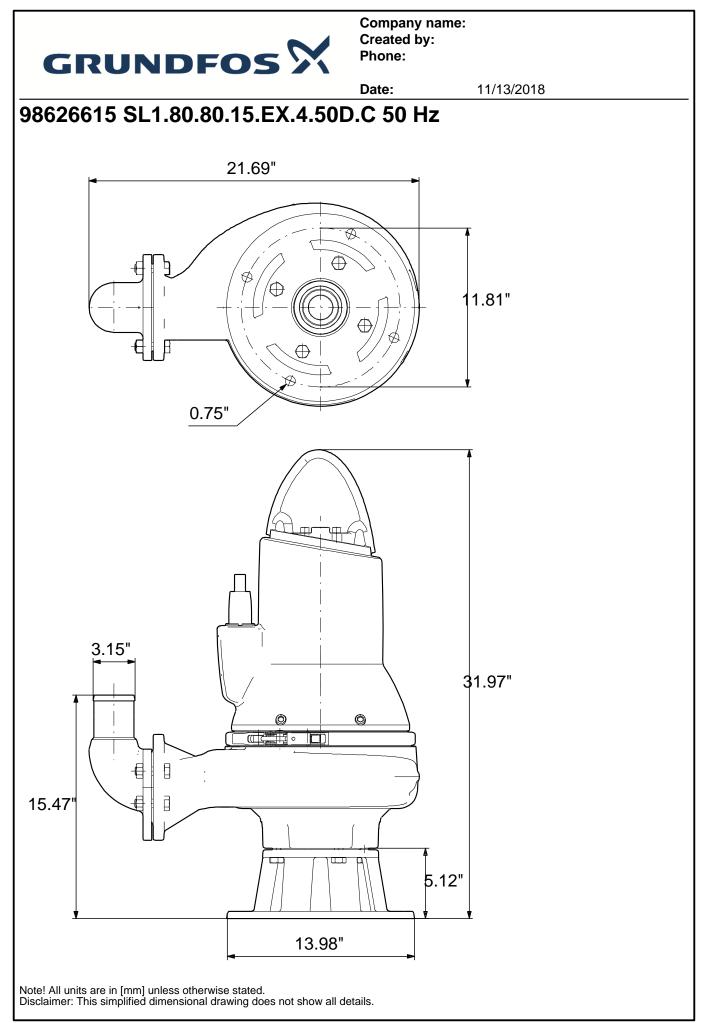


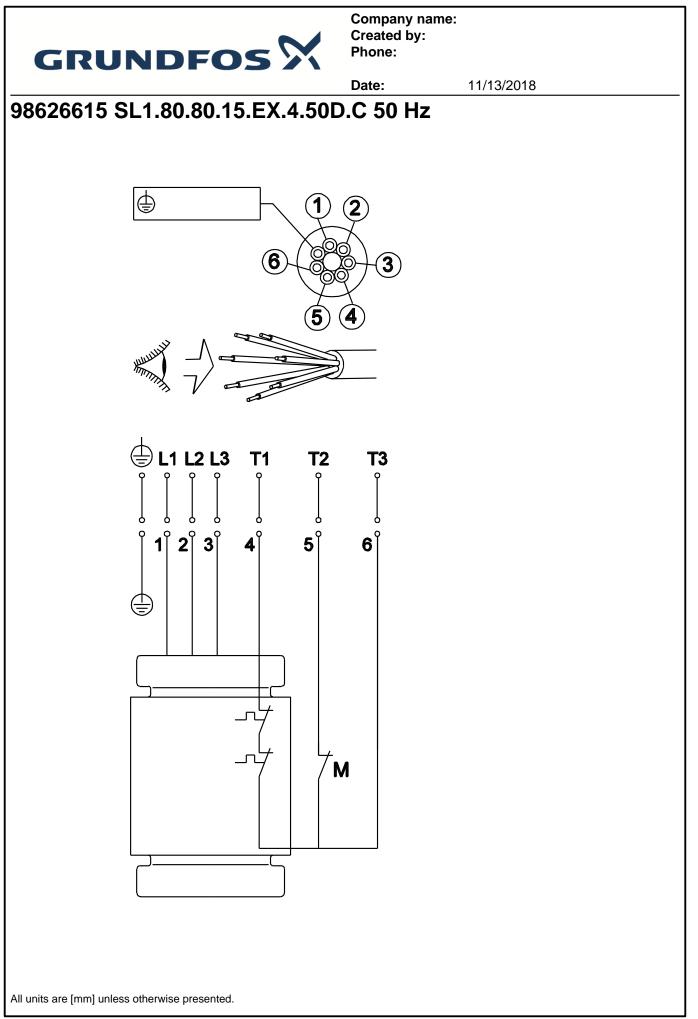


		Date:	11/13/2018
Description	Value		
Control box:	not included		
Moisture sensor:	with moisture sensors		
Water-in-oil sensor:	without water-in-oil sensor		
Others:			
Net weight:	222 lb		
Country of origin:	HU		
Custom tariff no .:	84137021		









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