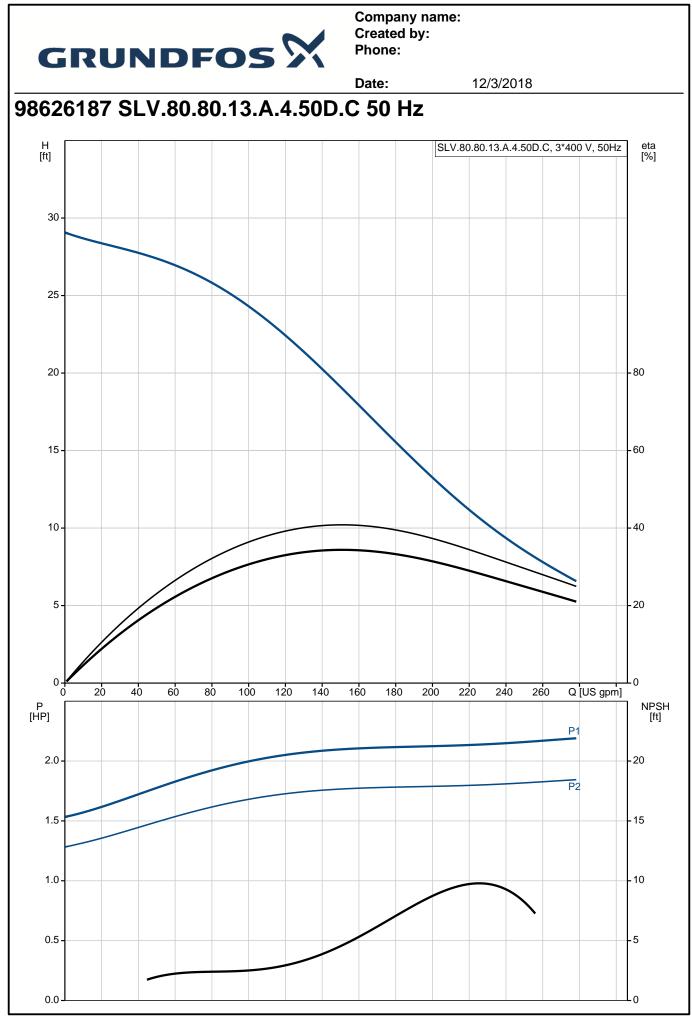


			- Date:	12/3/2018					
Position	Count	Description							
	1	SLV.80.80.13.A.4.50D.C							
		$\cap$							
		<b>М</b> Ч							
		Product photo could vary from the actual product							
		Product No.: 98626187							
		Non-self-priming, single-stage, c	entrifugal pump de	signed for handling wastewater, process water					
		and unscreened raw sewage.	ittent and continou	s operations in submerged installation. The					
		efficient SuperVortex impeller pr	ovides passage of	long fibres and solids up to 3 1/8 in and is suitable					
		for wastewater with a dry matter	-	70. enables quick and easy disassembly of the pump					
		from the motor unit for service a	nd inspection. No s	pecial tools are required. Pipework connection is					
		via a DIN flange.							
		Controls: Moisture sensor:	with moisture sen	sors					
		Water-in-oil sensor:	with water-in-oil se						
		Liquid:							
		Pumped liquid:	any viscous fluid						
		Maximum liquid temperature: Density:	104 °F 62.29 lb/ft³						
		Density.	02.29 10/11						
		<b>Technical:</b> Type of impeller:	Super Vortex						
		Maximum particle size:	3 1/8 in						
		Primary shaft seal:	SIC/SIC						
		Secondary shaft seal: Approvals on nameplate:	CARBON/CERAM CE, EN12050-1	1105					
		Curve tolerance:	ISO9906:2012 3B	2					
		Materials:							
		Pump housing:	Cast iron (EN-GJI	250)					
		Impeller:	EN-GJL-250 Cast iron (EN-GJI	-250)					
		-	EN-GJL-250	,					
		Motor:	EN-GJL-250						
		Installation:							
		Maximum ambient temperature: Flange standard:	104 °F DIN						
		Pump inlet:	80						
		Pump outlet:	80 DN 10						
		Pressure stage: Maximum installation depth:	PN 10 65.62 ft						
		Frame range:	B						



		INDFOS	Date:	12/3/2018
osition	Count	Description		
		Electrical data:		
		Power input - P1:	1.8 kW	
		Rated power - P2:	1.743 HP	
		Main frequency:	50 Hz	
		Rated voltage:	3 x 380-415 V	
		Voltage tolerance:	+10/-10 %	
		Max starts per. hour:	20	
		Rated current:	4.0-3.9 A	
		Cos phi - power factor:	0.68	
		Cos phi - p.f. at 3/4 load:	0.59	
		Cos phi - p.f. at 1/2 load:	0.45	
		Rated speed:	1460 rpm	
		Motor efficiency at full load:	84.2 %	
		Motor efficiency at 3/4 load:	83.8 %	
		Motor efficiency at 1/2 load:	81.1 %	
		Number of poles:	4	
		Start. method:	direct-on-line	
		Enclosure class (IEC 34-5):	IP68	
		Insulation class (IEC 85):	H	
		Explosion proof:	no	
		Length of cable:	33 ft	
		Cable type:	LYNIFLEX	
		Others:		
		Net weight:	210 lb	
		Country of origin:	HU	
		Custom tariff no.:	84137021	
	1	1		



Printed from Grundfos Product Center [2018.07.004]



DescriptionValueGeneral information:Product No::98626187EAN:5711498467705Technical:777 US gpmHead max:32.15 ftType of impeller:Super VortexMaximum particle size:3 1/8 inPrimary shaft seal:SIC/SICSecondary shaft seal:SIC/SICSecondary shaft seal:CARBON/CERAMICSApprovals on nameplate:CE, EN12050-1Curve tolerance:ISO9906:2012 3B2Cooling jacket:without cooling jacketMaterials:Pump housing:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Impeller:B0Pump noutlet:80Pump outlet:80Pump outlet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum installation depth:65.62 ftInstallation:VerticalPump odilquid:any viscous fluidMaximum installation depth:62.29 lb/ft <sup>3</sup> Electrical data:Power input - P1:Power input - P1:1.8 kWRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Mats day:3.48 %Motor efficiency at 1/2 load:0.45Rated voltage:4.460 rpmMaint frequency:0.45Rated voltage:4.38 %Motor efficiency at 1/2 load:81.1 %Number of poles:	12/3/2018
General information:Product name:SLV.80.80.13.A.4.50D.CProduct No::98626187EAN:5711498467705Technical:	SLV.80.80.13.A.4.50D.C, 3*400 V, 50Hz
Product No.: 98626187 EAN: 5711498467705 Technical: 777 US gpm Head max: 32.15 ft Type of impeller: Super Vortex Maximum particle size: 3 1/8 in Primary shaft seal: SIC/SIC Secondary shaft seal: CARBON/CERAMICS Approvals on nameplate: CE, EN12050-1 Curve tolerance: ISO9906:2012 382 Cooling jacket: without cooling jacket <b>Materials:</b> 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) Motor: EN-GJL-250 Motor: EN-GJL-250 Motor: EN-GJL-250 Motor: EN-GJL-250 Motor: EN-GJL-250 Motor: EN-GJL-250 Impellet: 80 Pressure stage: PN 10 Maximum installation depth: 65.62 ft Inst dry/wet: SUBMERGED Installation: Vertical Frame range: B Liquid: Pumped liquid: any viscous fluid Maximum liquid temperature: 104 °F Density: 62.29 lb/tl <sup>3</sup> <b>Electrical data:</b> Power input - P1: 1.8 kW Rated power - P2: 1.743 HP Main frequency: 50 Hz Rated voltage: 3 x 380-415 V Voltage tolerance: +10/10 % Max starts per. hour: 20 Rated current: 4.0-3.9 A Cos phi - p.f. at 3/4 load: 0.59 Cos phi - p.f. at 3/4 load: 0.45 Rated speed: 1460 rpm Motor efficiency at 3/4 load: 83.8 % Motor efficiency at 3/4 load	
EAN: 5711498467705 Technical: Max flow: 277 US gpm Head max: 32.15 ft Type of impeller: Super Vortex Maximum particle size: 3 1/8 in Primary shaft seal: CCSIC Secondary shaft seal: CCARBON/CERAMICS Approvals on nameplate: CE, EN12050-1 Curve tolerance: ISO9906:2012 3B2 Cooling jacket: without cooling jacket Materials: Pump housing: Cast iron (EN-GJL-250) Impeller: Cast iron (EN-GJL-250) Installation: Maximum ambient temperature: 104 °F Flange standard: DIN Pump note: 80 Pressure stage: PN 10 Maximum installation depth: 65.62 ft Inst dry/wet: SUBMERGED Installation: Pressure stage: PN 10 Maximum installation depth: 65.62 ft Inst dry/wet: SUBMERGED Installation: Pumpo utile: 80 Pressure stage: PN 10 Maximum installation depth: 65.62 ft Inst dry/wet: SUBMERGED Installation: Vertical Frame range: B Liquid: Pumped liquid: any viscous fluid Maximum liquid temperature: 104 °F Density: 62.29 ib/ft <sup>3</sup> Electrical data: Power input - P1: 1.8 kW Rated power - P2: 1.743 HP Main frequency: 50 Hz Rated voltage: 3 x 380-415 V Voltage tolerance: +10/-10 % Max starts per. hour: 20 Rated current: 4.0-3.9 A Cos phi - p.f. at 1/2 load: 0.45 Rated speed: 1460 rpm Motor efficiency at 3/4 load: 0.59 Cos phi - p.f. at 1/2 load: 0.45 Rated speed: 1460 rpm Motor efficiency at 3/4 load: 83.8 % Motor efficiency at 1/4 load: 84.2 % Motor efficiency at 1/4 load: 84.2 % Motor efficiency at 1/4 load: 84.2 % Motor efficiency at 1/4 l	
Technical:277 US gpmMax flow:277 US gpmHead max:32.15 ftType of impeller:Super VortexMaximum particle size:3 1/8 inPrimary shaft seal:SIC/SICSecondary shaft seal:CARBON/CERAMICSApprovals on nameplate:CE, EN12050-1Curve tolerance:ISO9908:2012 3B2Cooling jacket:without cooling jacketMaterials:EN-GJL-250Impeller:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Installation:EN-GJL-250Maximum ambient temperature:104 °FFlange standard:DINPump ninet:80Pump outlet:80Pressure stage:PN 10Maximum installation:VerticalFrame range:BLiquid:Impeller:Pumped liquid:any viscous fluidMaximum liquid temperature:104 °FPower input - P1:1.8 kWRated voltage:3 x 380-415 VVoltage tolerance:+ 10/-10 %Materials:CoPower input - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzCos phi - power factor:0.68Cos phi - power factor:0.68 <t< td=""><td></td></t<>	
Torumota:277 US gpmHead max:277 US gpmHead max:32.15 ftType of impeller:Super VortexMaximum particle size:3 1/8 inPrimary shaft seal:SIC/SICSecondary shaft seal:CARBON/CERAMICSApprovals on nameplate:CE, EN12050-1Curve tolerance:ISO9906:2012 3B2Cooling jacket:without cooling jacketMaterials:EN-GJL-250Impeller:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Installation:EN-GJL-250Motor:EN-GJL-250Installation:DINPump nullet: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/tr3Electrical data:Power input - P1:Power input - P1:1.8 kWRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Cos phi - power factor:0.68Cos phi - poles:4Start. method:direct-on-lineEnclosure dass (IEC 34-5):IP68Insulation class (IEC 85):H <td></td>	
Head max:32.15 ftType of impeller:Super VortexMaximum particle size:3 1/8 inPrimary shaft seal:SIC/SICSecondary shaft seal:CARBON/CERAMICSApprovals on nameplate:CE, EN12050-1Curve tolerance:ISO9906:2012 382Cooling jacket:without cooling jacketMaterials:EN-GJL-250Impeller:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Installation:EN-GJL-250Motor:EN-GJL-250Installation:NNMaximum ambient temperature:104 °FFlange standard:DINPump nultet:80Pump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.92 lb/trl3Electrical data:Power input - P1:Power input - P1:1.8 kWRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Mastarts per. hour:20Cos phi - p.f. at 1/2 load:0.45Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 3/4 load:83.8 %Motor efficiency at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure clas	
Head max:32.15 ftType of impeller:Super VortexMaximum particle size:3 1/8 inPrimary shaft seal:SIC/SICSecondary shaft seal:CARBON/CERAMICSApprovals on nameplate:CE, EN12050-1Curve tolerance:ISO9906:2012 382Cooling jacket:without cooling jacketMaterials:EN-GJL-250Impeller:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Installation:EN-GJL-250Motor:EN-GJL-250Installation:NNMaximum ambient temperature:104 °FFlange standard:DINPump nultet:80Pump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.92 lb/trl3Electrical data:Power input - P1:Power input - P1:1.8 kWRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Mastarts per. hour:20Cos phi - p.f. at 1/2 load:0.45Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 3/4 load:83.8 %Motor efficiency at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure clas	
Type of impeller:Super VortexMaximum particle size:3 1/8 inPrimary shaft seal:SIC/SICSecondary shaft seal:CARBON/CERAMICSApprovals on nameplate:CE, EN12050-1Curve tolerance:ISO9906:2012 3B2Cooling jacket:without cooling jacketMaterials:Pump housing:Pump housing:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Installation:EN-GJL-250Maximum ambient temperature:104 °FPlange standard:DINPump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInstallation:VerticalFrame range:BLiquid:any viscous fluidPumped liquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/t³Electrical data:PoundPower input - P1:1.8 kWRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:0.45Rated voltage:1460 rpmMotor efficiency at 1/2 load:81.1 %Motor efficiency at 1/2 load:81.1 %Mumber of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:	
Maximum particle size: 3 1/8 in Primary shaft seal: SIC/SIC Secondary shaft seal: CARBON/CERAMICS Approvals on nameplate: CE, EN12050-1 Curve tolerance: ISO9906:2012 3B2 Cooling jacket: without cooling jacket Materials: Pump housing: Cast iron (EN-GJL-250) Impeller: Cast iron (EN-GJL-250) Impeller: Cast iron (EN-GJL-250) Installation: Maximum ambient temperature: 104 °F Flange standard: DIN Pump nutlet: 80 Pressure stage: PN 10 Maximum installation depth: 65.62 ft Installation: Vertical Frame range: B Liquid: Pumped liquid: any viscous fluid Maximum liquid temperature: 104 °F Frame range: B Liquid: Pumped liquid: any viscous fluid Maximum liquid temperature: 104 °F Density: 62.29 lb/t <sup>13</sup> Electrical data: Power input - P1: 1.8 kW Rated power - P2: 1.743 HP Main frequency: 50 Hz Rated voltage: 3 x 380-415 V Voltage tolerance: +10/-10 % Max starts per. hour: 20 Rated current: 4-0-3.9 A Cos phi - p.f. at 1/2 load: 0.59 Cos phi - p.f. at 1/2 load: 0.45 Cast in 2. Motor efficiency at 1/2 load: 81.1 % Number of poles: 4 Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 35): H Explosion proof: no	
Primary shaft seal:SIC/SICSecondary shaft seal:CARBON/CERAMICSApprovals on nameplate:CE, EN12050-1Curve tolerance:ISO9906:2012 3B2Cooling jacket:without cooling jacketMaterials:Pump housing:Cast iron (EN-GJL-250)Impeller:Cast iron (EN-GJL-250)Installation:EN-GJL-250Maximum ambient temperature:104 °FFlange standard:DINPump outlet:80Pump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/tr3Electrical data:90Power input - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated voltage:1460 rpmMotor efficiency at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 36):HExplosion proof:no </td <td></td>	
Secondary shaft seal: CARBON/CERAMICS Approvals on nameplate: CE, EN12050-1 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) Installation: Maximum ambient temperature: 104 °F Flange standard: DIN Pump outlet: 80 Pressure stage: PN 10 Maximum installation depth: 65.62 ft Installation: Vertical Frame range: B Liquid: Frame range: B Liquid: Pumped liquid: any viscous fluid Maximum liquid temperature: 104 °F Density: 62.29 lb/ft <sup>3</sup> Electrical data: Power input - P1: 1.8 kW Rated power - P2: 1.743 HP Main frequency: 50 Hz Rated voltage: 3 x 380-415 V Voltage tolerance: +10/-10 % Max starts per. hour: 20 Rated current: 4.0-3.9 A Cos phi - p.f. at 1/2 load: 0.45 Rated speed: 1460 rpm Motor efficiency at 1/2 load: 81.1 % Number of poles: 4 Start. method: direct-on-line Enclosure class (IEC 84-5): IP68 Insulation class (IEC 84-5): IP68	
Approvals on nameplate:CE, EN12050-1Curve tolerance:ISO9906:2012 3B2Cooling jacket:without cooling jacketMaterials:EN-GJL-250Impeller:Cast iron (EN-GJL-250)EN-GJL-250EN-GJL-250Installation:EN-GJL-250Installation:DINPump noutlet:80Pump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInstallation:VerticalFrame range:BLiquid:Turviscous fluidMaximum liquid temperature:104 °FDemsity:62.29 lb/ft³Electrical data:Power input - P1:Power input - P1:1.8 kWRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated voltage:0.45Cos phi - p.f. at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 84-5):IP68Insulation class (IEC 84-5):H <tr< td=""><td></td></tr<>	
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) Imstallation: Maximum ambient temperature: 104 °F Flange standard: DIN Pump outlet: 80 Pressure stage: PN 10 Maximum installation depth: 65.62 ft Inst dry/wet: SUBMERGED Installation: Vertical Frame range: B Liquid: Pumped liquid: any viscous fluid Maximum liquid temperature: 104 °F Electrical data: Power input - P1: 1.8 kW Rated power - P2: 1.743 HP Main frequency: 50 Hz Rated voltage: 3 x 380-415 V Voltage tolerance: +10/-10 % Max starts per. hour: 20 Rated current: 4.0-3.9 A Cos phi - p.f. at 3/4 load: 0.59 Cos phi - p.f. at 3/4 load: 83.8 % Motor efficiency at 3/4 load: 83.8 % Motor efficiency at 3/12 load: 81.1 % Number of poles: 4 Start. method: direct-on-line Enclosure class (IEC 84-5): IP68 Insulation class (IEC 84-5): IP68 Enclosure class (IEC 84-5): IP68 Enclosure class (IEC 84-5): IP68	
Cooling jacket:without cooling jacketMaterials:Cast iron (EN-GJL-250)Pump housing:Cast iron (EN-GJL-250)Impeller: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 °FPower input - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 84-5):IP68Insulation class (IEC 84-5):HExplosion proof:no	
Materials: Pump housing: Cast iron (EN-GJL-250)   Impeller: Cast iron (EN-GJL-250)   Impeller: Cast iron (EN-GJL-250)   Motor: EN-GJL-250   Installation: INA   Maximum ambient temperature: 104 °F   Flange standard: DIN   Pump inlet: 80   Pump outlet: 80   Pressure stage: PN 10   Maximum installation depth: 65.62 ft   Installation: Vertical   Frame range: B   Liquid: Total any viscous fluid   Maximum liquid temperature: 104 °F   Density: 62.29 lb/ft³   Electrical data: Power input - P1:   Power input - P1: 1.8 kW   Rated power - P2: 1.743 HP   Main frequency: 50 Hz   Rated outrage: 3 x 380-415 V   Voltage tolerance: +10/-10 %   Max starts per. hour: 20   Rated current: 4.0-3.9 A   Cos phi - p.f. at 3/4 load: 0.59   Cos phi - p.f. at 1/2 load: 0.45   Rated speed:	
Pump housing:Cast iron (EN-GJL-250) EN-GJL-250Impeller:Cast iron (EN-GJL-250) EN-GJL-250Motor:EN-GJL-250Installation:EN-GJL-250Installation:DINMaximum ambient temperature:104 °FFlange standard:DINPump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:TPumped liquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Power input - P1:Power input - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+ 10/-10 %Max starts per. hour:20Rated urrent:4.0-3.9 ACos phi - p.f. at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at 3/4 load:0.59Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 35):HExplosion proof:no	
EN-GJL-250Impeller:Cast iron (EN-GJL-250)Motor:EN-GJL-250Installation:EN-GJL-250Maximum ambient temperature:104 °FFlange standard:DINPump inlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:Pumpe liquid:Pumpe liquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft3Electrical data:Power input - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated voltage:0.45Rated speed:1460 rpmMotor efficiency at 3/4 load:0.59Cos phi - p.f. at 1/2 load:84.2 %Motor efficiency at 3/4 load:83.8 %Motor efficiency at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 35):HExplosion proof:no	
Impeller: Cast iron (EN-GJL-250) EN-GJL-250 Motor: EN-GJL-250 Installation: 04 °F Flange standard: DIN Pump inlet: 80 Pump outlet: 80 Pressure stage: PN 10 Maximum installation depth: 65.62 ft Inst dry/wet: SUBMERGED Inst dry/wet: SUBMERGED Installation: Vertical Frame range: B Liquid:	
EN-GJL-250Motor:EN-GJL-250Installation:Installation:Maximum ambient temperature:104 °FFlange standard:DINPump inlet:80Pump outlet:80Pump outlet:SUBMERGEDInst dry/wet:SUBMERGEDInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Electrical data:Power input - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:81.1 %Motor efficiency at full load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 45):HExplosion proof:no	
Motor:EN-GJL-250Installation:104 °FMaximum ambient temperature:104 °FFlange standard:DINPump inlet:80Pump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:	
Motor:EN-GJL-250Installation:Maximum ambient temperature:104 °FFlange standard:DINPump inlet:80Pump 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 - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - power factor:0.68Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 45):HExplosion proof:no	50 100 150 200 Q [US gpm]
Installation: 104 °F Flange standard: DIN Pump inlet: 80 Pump outlet: 80 Pressure stage: PN 10 Maximum installation depth: 65.62 ft Inst dry/wet: SUBMERGED Installation: Vertical Frame range: B Liquid: Pumped liquid: any viscous fluid Maximum liquid temperature: 104 °F Density: 62.29 lb/ft <sup>3</sup> Electrical data: Power input - P1: 1.8 kW Rated power - P2: 1.743 HP Main frequency: 50 Hz Rated voltage: 3 x 380-415 V Voltage tolerance: +10/-10 % Max starts per. hour: 20 Rated current: 4.0-3.9 A Cos phi - p.f. at 3/4 load: 0.59 Cos phi - p.f. at 3/4 load: 0.45 Rated speed: 1460 rpm Motor efficiency at 1/2 load: 81.1 % Number of poles: 4 Start. method: 6IEC 34-5): IP68 Insulation class (IEC 34-5): IP68 Insulation class (IEC 35): H Explosion proof: no	
Flange standard:DINPump inlet:80Pump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:Tupy viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Power input - P1:Power input - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:81.1 %Motor efficiency at full load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	P1
Pump inlet:80Pump outlet:80Pressure stage:PN 10Maximum installation depth:65.62 ftInst dry/wet:SUBMERGEDInstallation:VerticalFrame range:BLiquid:Pumped liquid:Pumped liquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Power input - P1:Power input - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:81.1 %Motor efficiency at full load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
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:Power input - P1:Power input - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:84.2 %Motor efficiency at full load:81.1 %Mumber of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	P2
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:Power input - P1:Power input - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 3/4 load:83.8 %Motor efficiency at full load:84.2 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Maximum 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 - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:81.1 %Motor efficiency at 1/1 load:84.2 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Maximum 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 - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at full load:84.2 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Installation:VerticalFrame range:BLiquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Power input - P1:Power input - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - power factor:0.68Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at full load:84.2 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Installation: Vertical Frame range: B Liquid: any viscous fluid Maximum liquid temperature: 104 °F Density: 62.29 lb/ft <sup>3</sup> Electrical data: Power input - P1: 1.8 kW Rated power - P2: 1.743 HP Main frequency: 50 Hz Rated voltage: 3 x 380-415 V Voltage tolerance: +10/-10 % Max starts per. hour: 20 Rated current: 4.0-3.9 A Cos phi - power factor: 0.68 Cos phi - power factor: 0.68 Cos phi - p.f. at 3/4 load: 0.59 Cos phi - p.f. at 1/2 load: 0.45 Rated speed: 1460 rpm Motor efficiency at full load: 84.2 % Motor efficiency at 3/4 load: 83.8 % Motor efficiency at 1/2 load: 81.1 % Number of poles: 4 Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): H Explosion proof: no	
Liquid:any viscous fluidPumped liquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Power input - P1:Power input - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - power factor:0.68Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:84.2 %Motor efficiency at full load:84.2 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Liquid:any viscous fluidPumped liquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:Power input - P1:Power input - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - power factor:0.68Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:84.2 %Motor efficiency at full load:84.2 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Pumped liquid:any viscous fluidMaximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:	
Maximum liquid temperature:104 °FDensity:62.29 lb/ft³Electrical data:	
Density: 62.29 lb/ft³   Electrical data:   Power input - P1: 1.8 kW   Rated power - P2: 1.743 HP   Main frequency: 50 Hz   Rated voltage: 3 x 380-415 V   Voltage tolerance: +10/-10 %   Max starts per. hour: 20   Rated current: 4.0-3.9 A   Cos phi - power factor: 0.68   Cos phi - p.f. at 3/4 load: 0.59   Cos phi - p.f. at 1/2 load: 0.45   Rated speed: 1460 rpm   Motor efficiency at 3/4 load: 83.8 %   Motor efficiency at 1/2 load: 81.1 %   Number of poles: 4   Start. method: direct-on-line   Enclosure class (IEC 34-5): IP68   Insulation class (IEC 85): H   Explosion proof: no	
Electrical data:Power input - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - power factor:0.68Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at full load:83.8 %Motor efficiency at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Power input - P1:1.8 kWRated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - power factor:0.68Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at full load:84.2 %Motor efficiency at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Rated power - P2:1.743 HPMain frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - power factor:0.68Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at full load:83.8 %Motor efficiency at 3/4 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Main frequency:50 HzRated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - power factor:0.68Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at full load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Rated voltage:3 x 380-415 VVoltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - power factor:0.68Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at full load:84.2 %Motor efficiency at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Voltage tolerance:+10/-10 %Max starts per. hour:20Rated current:4.0-3.9 ACos phi - power factor:0.68Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at full load:84.2 %Motor efficiency at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Max starts per. hour:20Rated current:4.0-3.9 ACos phi - power factor:0.68Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at full load:84.2 %Motor efficiency at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Rated current:4.0-3.9 ACos phi - power factor:0.68Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at full load:84.2 %Motor efficiency at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Cos phi - power factor:0.68Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at full load:84.2 %Motor efficiency at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Cos phi - p.f. at 3/4 load:0.59Cos phi - p.f. at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at full load:84.2 %Motor efficiency at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Cos phi - p.f. at 1/2 load:0.45Rated speed:1460 rpmMotor efficiency at full load:84.2 %Motor efficiency at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Rated speed:1460 rpmMotor efficiency at full load:84.2 %Motor efficiency at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Motor efficiency at full load:84.2 %Motor efficiency at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Motor efficiency at 3/4 load:83.8 %Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Motor efficiency at 1/2 load:81.1 %Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Number of poles:4Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Enclosure class (IEC 34-5):IP68Insulation class (IEC 85):HExplosion proof:no	
Insulation class (IEC 85): H Explosion proof: no	
Explosion proof: no	
Motor protection: Pt1000	
Length of cable: 33 ft	
Cable type: LYNIFLEX	



		Date:	12/3/2018
Description	Value		
Control box:	not included		
Moisture sensor:	with moisture sensors		
Water-in-oil sensor:	with water-in-oil sensor		
Others:			
Net weight:	210 lb		
Country of origin:	HU		
Custom tariff no.:	84137021		

