

Company name: Created by: Phone:

DescriptionValueGeneral information:SU 46.5 65 09.2.1.502Product name:SU 46.5 65 09.2.1.502Product No:6611619San Author:S70039686510Technical:Rated flow:Rated flow:6.3116Rated flow:6.3116Rated flow:6.3116Rated head:3.49 mMaximum head:7.5 mType of impeller:SUPER VORTEXMax. Particle:B5 mmPrimary shaft seat:SUCSICCurve tolerance:ISO9096 2012 382Cooling lacket (YesNic):NMaterials:EN-GU-200Pump housing:EN-GU-200Impeller:EN-GU-200Impeller:EN-GU-200Impeller:Cask ironImpeller:EN-GU-200Installation:DN 65See of outs connection:DN 65Diat dryweit:SUBRERGEDInstallation:YericalRated queres:5.0 A °CSee of outs connection:DN 65Diat dryweit:SUBRERGEDInstallation:YericalRated outsige:1.2 X/XRated outsige:1.2 X/XRated outsige:1.2 X/XRated outsige:1.4 N<	GRUND		Date: 18/07/2024
General Information:Product name:SUV 65.65.00.2.1.002Product No:S0145119Env number:570039685110Technical:4.38 lisRated flow:4.38 lisMaximum flow:6.81 lisRated flow:3.49 mMaximum flow:6.81 lisRated flow:SUPER VORTEXType of impelier:SUPER VORTEXType of impelier:SUPER VORTEXPrimary shaft staat:SIC/SICCooling lacket (Yes/No):NPump housing:Cast ironPump housing:EN-GU-200Installation:EN-GU-200Installation:EN-GU-200Installation:EN-GU-200Type of outlet connection:DN 85Size of outlet connection:DN 85Size of outlet connection:DN 85Pressure rating for connection:PN 10Maxims frequency:5.0 HzRated origine:040 °CSelectal lucid temperature:040 °CSelectal cludit temperature:040	Description	Value	H SLV.65.65, 50Hz eta [m]
Product No: Product No: Prod	•		
EAN number: Technical: Raited flow: Raited flow: Rait	Product name:	SLV.65.65 .09.2.1.502	
Technical: Rated flow: A 38 l/s Maximum head: Rated head: A 38 l/s Maximum head: Type of impeller: SUPER VORTEX Type of impeller: SUPER VORTEX SUPER VORTEX Type of impeller: SUPER VORTEX SUPER VORTEX S	Product No:		6.0
Related how: A 38 Ws Maximum flow: A 38 Ws Maximum head: 7.5 m Type of impeller: Colorling jacket (Yes/No): N Materiales: Pump housing: Cast ion Pump housing: Ste of connection: DIN Ste of outlet connection: DIN Ste of outlet connection: DIN Ste of outlet connection: DIN Ste of outlet connection: Pum ion Ste of	EAN number:		5.5
Practicultor Practicultor Practicultor Rated head: 3.49 m Maximum head: 7.5 m Type of impeller: Wax Particle: 6.5 mm Primary shaft seal: Cooling jacket (Yes/No): N Materials: Pump housing: EN-GUL-250 Impeller: EN-GUL-250 Impeller: EN-GUL-250 Impeller: EN-GUL-250 Impeller: Range of ambient lemperature: B-Coults-400-15 Range of ambient lemperature: B-Coults-400-15 Range of ambient lemperature: B-Dard Maximum indeparature: B-Dard Maximum indeparature: B-	Technical:		5.0
maximum parature advisor of the product of the pro	Rated flow:	4.38 l/s	4.5
Rate head: Statum head: T,5 m Type of impeller: SUPER VORTEX Max. Particle: 6 5 mm Primary shaft seal: Cooling jacket (Yes/No): N Matorials: Pump housing: EN-GL-250 Impeller: EN-GL-250 Impeller: EN-GL-250 Impeller: EN-GL-250 Installation: Pump housing: EN-GL-250 Installation: Pump housing: EN-GL-250 Installation: Part dywet: Installation: Pressure rating for connection: DN 65 Pressure rating for connection: PN 10 Maximum installation depth: Type of ouliel connection: DN 65 Pressure rating for connection: PN 10 Maximum installation depth: Type of ouliel connection: DN 65 Size of outie connection: DN 65 Pressure rating for connection: PN 10 Maximum installation depth: To advect a start per tour: SubMERCED Installation: Pressure rating for connection: DN 65 Size of outie connection: DN 10 Size of outie connection: DN 65 Size of outie connection: DN 10 Size of outie connection: DN 10 Size of outie connection: PN 10 Maximum installation depth: To minet drywet: Installation: Rated oursel: SubMERCED Density: Bectrical data: Power input P1: Auto coupling: Liquid temperature: SubMERCED Diritical data: Power input P1: Size of outie connection: DN 55 Size of outie connection: DN 55 Size of outie connection: PN 10 Size of Pi 2: Size of 2: Size of Pi 2: Size of Pi 2: Size of Pi 2: Size of Pi 2: S	Maximum flow:	6.81 l/s	
Maximum head: 7.5 m 7.5 m 7	Rated head:	3.49 m	
Type of impeller: SUPER VORTEX Max Particle: 65 mm Primary shaft seal: SIC/SIC Cooling jacket (Yes/No): N Materials: Pump housing: EN-GJL-250 Impeller: Cast iron Pump housing: EN-GJL-250 Impeller: Cast iron Pump housing: EN-GJL-250 Impeller: Cast iron Pump housing: EN-GJL-200 Trop of ambient temperature: 040 °C Size of outle connection: DIN Size of out	Maximum head:	7.5 m	
Max. Particle: Max. Particle: Pimary shaft seal: SIC/SIC Curve tolerance: Cooling jacket (Yes/No): N N Materials: Pump housing: Pump housing: Pump housing: Pump housing: Pump housing: EN-GJL-260 Impeller: Cast iron Pumples: Cast iron Pump housing: EN-GJL-260 Impeller: Cast iron Pump housing: EN-GJL-200 Installation: Range of ambient temperature: 040 °C Maximum operating pressure: 6 bar Type of outlet connection: DN 65 Size of outlet connection: DN 65 Size of outlet connection: DN 65 Size of outlet connection: PN 10 Maximum installation depth: T m Inst drivwet: Installation: Size of outlet connection: DN 65 Size of outlet connection: PN 10 Maximum installation Reted ourent arge: Liquid temperature: 20 °C Density: Selected liquid temperature: 040 °C Density: 986.2 kg/m ² Electrical data: Power input P1: 1.3 kW Rated ourent at 3/4 load: 0.41 A Starting ourent: 88 A Rated ourent: 6.1 A Rated ourent: 7.5 bHz Rated ourent: 7.5 bHz Rated ourent at 3/4 load: 0.9 Cog phi - prive factor: 0.96 Cog phi - prive factor:	Type of impeller:	SUPER VORTEX	
Primary shaft seal: SIC/SIC Cover belarance: SIC/SIC Cooling jacket (Yes/No): N Materials: Pump housing: EN-CJL-250 Impeller:		65 mm	
Curve tolerance: ISO8906/2012 3B2 coloring jacket (YesNo): N Materials: Pump housing: Cast iron Impeller: Cast iron Impeller: Cast iron Impeller: EN-GJL-250 Impeller: EN-GJL-250 Impeller: BN-GJL-200 Installation: EN-GJL-200 Installation: DIN Size of outlet connection: DIN Size of outlet connection: DIN Size of outlet connection: DN 65 Pressure rating for connection: PN 10 Size of outlet connection: Vertical Auto coupling: 96090992 Liquid temperature range: 0 40 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m ² Electrical data: Power Input P1: 1 13 kW Rated ourrent at 34 toad: 5.1 A Rated current at 12 toad: 4.1 A Starting current: 38 A Rated current at 12 toad: 6.3 % Motor efficiency at full load: 6.7 % Motor efficiency at 34 toad: 6.3 % Motor efficiency a	Primary shaft seal:	SIC/SIC	
Cooling jacket (Yes/No): N Materials: Pump housing: Cast iron Pump housing: EN-GUL-250 Impelier: Cast iron Impelier: EN-GUS-400-15 Motor Instaliation: ON 40 °C Range of ambient temperature: 040 °C Range of autiet connection: DIN Maximum pistallation depth: 7 m Installation: Vortical Liquid temperature range: 040 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m ² Electrical data: Power input P1: 1.3 kW Mains frequency: 50 Hz Rated ourent at 3/4 load: 5.1 A Rated current at 1/2 load: 4.1 A Starting current: 38 A Rated current at 1/2 load: 5.1 A Rated current at 1/2 load: 5.1 A Rated current at 1/2 load: 5.1 A Rated current at 1/2 load: 6.3 % Motor efficiency at 1/2 l	Curve tolerance:	ISO9906:2012 3B2	
Materials:Pump housing:Cast ironPump housing:EN-GJL-250Impeller:Cast ironImpeller:EN-GJL-200Installation:EN-GJL-200Installation:EN-GJL-200Installation:EN-GJL-200Installation:DINSize of oullet connection:DINSize of oullet connection:PN 10Size of oullet connection:PN 10Installation:VerticalAuto coupling:96090992Liquid:Liquid temperature:Liquid:JakwRated ourpart:040 °CSelected liquid temperature:20 °CDensity:9982. kg/m³Electrical data:Power input P1:Power input P1:1.3 kWRated ourrent:61 ARated ourrent:61 ARated ourrent:61 AStatis per hour:30Cos phi - p.f. at 34 load:5.1 ARated current at 1/2 load:55 %Cos phi - p.f. at 34 load:Cos phi - p.f. at 34 load:Cos phi - p.f. at 34 load:Rated speed:2870 rpmMotor efficiency at 1/2 load:65 %Motor efficiency at 34 load:Rated speed:2870 rpmMotor efficiency at 34 load:63 %Cos phi - p.f. at 34 load:63 %Rated speed:2870 rpmMotor efficiency at 34 load:63 %Rated speed:2870 rpmMotor efficiency at 34 load:63 %Cos phi - p.f. at 34 load:63 % </td <td>Cooling jacket (Yes/No):</td> <td>Ν</td> <td></td>	Cooling jacket (Yes/No):	Ν	
$ \begin{array}{c c c c c c } \hline Cast ion \\ Impeller: \\ Cast ion \\ Impeller: \\ EN-GUL-250 \\ Installation: \\ Range of ambient temperature: \\ O40 °C \\ Maximum operating pressure: \\ O. at 0 °C \\ Maximum operating pressure: \\ O. at 0 °C \\ Maximum operating pressure: \\ O. at 0 °C \\ Maximum operating for connection: \\ DN 65 \\ Size of outlet connection: \\ DN 65 \\ Size of outlet connection: \\ PN 10 \\ Maximum installation depth: 7 m \\ Inst dry/wet: \\ SUBMERGED \\ Installation: \\ Vertical \\ Liquid temperature: 20 °C \\ Density: \\ 998.2 kg/m^3 \\ Electrical dta: \\ Power input P1: \\ 1.3 kW \\ Rated power - P2: \\ O.9 kW \\ Mains frequency: \\ Sole La \\ Rated ourrent at 3/4 load: \\ O.14 A \\ Rated ourrent at 1/2 load: \\ D.14 \\ Rated ourrent at 1/2 load: \\ O.92 \\ Cos phi - p.f. at 3/4 load: \\ O.92 \\ Cos phi - p.f. at 1/2 load: \\ O.95 \\ Cos phi - p.f. at 1/2 load: \\ O.95 \\ Cos phi - p.f. at 1/2 load: \\ O.95 \\ Cos phi - p.f. at 1/2 load: \\ O.95 \\ Cos phi - p.f. at 1/2 load: \\ Cos phi - p.f. a$	Materials:		0 1 2 3 4 5 6 7 8 9 10 Q [l/s]
Pump housing: impeller: Impeller: Cast iron Impeller: EN-GUL-200Prove Cast iron Cast iron EN-GUL-200Installation: Range of ambient temperature: Distallation: Dype of outlet connection: DN 65 Size of outlet connection: Size of outlet connection: DN 65 Size of outlet connection: Size of outlet c	Pump housing:	Cast iron	
Impeller: Cast iron Cast		EN-GJL-250	
Impeller:EN-GJS-400-15Moto::EN-GJS-200Moto::EN-GJS-200Maximum operating pressure:6 barMaximum operating pressure:6 barSize of outlet connection:D1NSize of outlet connection:PN 10Maximum installation depth:7 mInst dry/wet:SUBMERGEDInstallation:VerticalAuto coupling:96090992Liquid temperature range:040 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical dta: m Power input P1:1.3 kWRated ourcent at 3/4 load:5.1 ARated current at 3/4 load:5.1 ARated current at 1/2 load:2.6 ACos phi - p.f. at 1/2 load:0.86Rated querent at no load:2.6 ACos phi - p.f. at 1/2 load:0.86Rated querent at 1/2 load:0.92Cos phi - p.f. at 1/2 load:0.86Rated querent at 1/2 load:6.3 %Motor efficiency at 1/1 load:6.3 %Motor efficiency at 1/1 load:6.5 %Motor ef		Cast iron	- P1
Installation: Installation:Encode 200Range of ambient temperature: Maximum operating pressure: F040 °CSize of outlet connection: DN 65DINSize of outlet connection: Pressure raining for connection: Installation depth: T m Installation: Vertical Hatlation:Pressure raining for connection: DN 10Maximum installation depth: T m Installation: Uquid: Liquid temperature range: Electrical data: Poensity: Betertreal data: Poensity: Sole data: Sole data: Sole data: Poensity: Sole data: Sole data: Poensity: Sole data: Sole d	Impeller:	EN-GJS-400-15	900 -
Range of ambient temperature: 040 °C Maximum operating pressure: 6 bar Type of outlet connection: DIN Size of outlet connection: DN 65 Pressure rating for connection: PN 10 Maximum installation depth: 7 m Installation: Auto coupling: 96090992 Liquid Liquid temperature range: 040 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m ³ Electrical data: Power input P1: 1.3 kW Rated power - P2: 0.9 kW Mains frequency: 50 Hz Rated ourset: 1.2 30 V Voltage tolerance: +66/10 % Max starts per hou: 30 Rated current: 81 A Rated current: 82 A Rated current: 83 A Rated current: 83 A Rated current: 83 A Rated current: 83 A Rated current: 83 A Rated current: 83 A Rated surrent: 83 A Rated surrent: 83 A Rated surrent: 84 A Rated surrent: 84 A Rated surrent: 84 A Rated surrent: 83 A Rated current: 84 A Rated surrent: 84 A 84 A		EN-GJL-200	800 -
Maximum operating pressure: 6 bar Type of outlet connection: DIN Size of outlet connection: DN 65 Pressure rating for connection: PN 10 Maximum installation depth: Installation: Vertical Auto coupling: Selected liquid temperature: 20 °C Density: Beextrical data: Power input P1: 1.3 kW Rated power - P2: 0.40 °C Selected liquid temperature: 20 °C Density: Beextrical data: Power input P1: 1.3 kW Rated power - P2: 0.9 kW Mains frequency: 50 Hz Rated voltage: 1.2 20 °C Density: Power factor: 0.96 Cos phi - px factor: 0.96 Cos phi - px factor: 0.96 Cos phi - px factor: 0.96 Cos phi - px factor: 0.96 Motor efficiency at 1/2 load: 2.5 % Cos phi - px factor: 0.96 Motor efficiency at 1/2 load: 0.9 µF Method of start: DOL Enclosure class (IEC 85): F	Installation:		700 -
The four full connection: Type of outlet connection: Size of outlet connection: Pressure rating for connection: Pressure rating for connection: PN 10 Maximum installation depth: Tyme Tyme Tyme Tyme Inst dry/wet: SUBMERGED Inst dry/wet: SUBMERGED Inst dry/wet: SUBMERGED Inst dry/wet: SUBMERGED Inst dry/wet: SUBMERGED Selected liquid temperature range: O 40 °C Selected liquid temperature range: O 40 °C Selected liquid temperature range: Solected liquid temperature range: Solected liquid temperature: Solected	Range of ambient temperature:	0 40 °C	600 -
Type of outlet connection:DINSize of outlet connection:DN 65Pressure rating for connection:PN 10Maximum installation depth:7 mInst dry/wet:SUBMERCEDInstallation:VerticalAuto coupling:96090992Liquid temperature range:040 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:Power input P1:Power input P1:1.3 kWRated voltage:1 x 230 VVoltage tolerance:+6/-10 %Max starts per hour:30Rated current:6.1 ARated current:6.1 ARated current:6.1 ARated current:5.1 ARated current:38 ACos phi - p.f. at 3/4 load:5.1 ARated speed:2.870 rpmMotor efficiency at full load:67 %Motor efficiency at full load:63 %Motor efficiency at 11/2 load:55 %Coapacitor size - run:30 µFMethod of start:DOLEnclosure class (IEC 85):F		6 bar	500 P2
Size of outlet connection: DN 65 Presure rating for connection: PN 10 Installation depth: 7 m Installation depth: 7 m Installation: Vertical Auto coupling: 96090992 Liquid: Liquid temperature range: 040 °C Selected liquid temperature: 20 °C Density: 9982.kg/m ³ Electrical data: Power input P1: 1.3 kW Mains frequency: 50 Hz Rated over - P2: 0.9 kW Mains frequency: 50 Hz Rated outleas: 1 x 230 V Voltage tolerance: +6/-10 % Max starts per hour: 30 Rated current: 6.1 A Rated current at 1/2 load: 5.1 A Rated current at 1/2 load: 4.1 A Starting current: 38 A Rated current at 1/2 load: 0.96 Cos phi - p.f. at 3/4 load: 0.92 Cos phi - p.f. at 3/4 load: 0.92 Cos phi - p.f. at 3/4 load: 67 % Motor efficiency at 1/4 load: 63 % Cos phi - p.f. at 1/2 load: 55 % Capacitor size - run: 30 µF Method of start: DOL Enclosure class (IEC 85); F		DIN	400 -
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Maximum installation depth: Inst dry/wet: Inst d	Pressure rating for connection:	PN 10	
Inst dry/wet:SUBMERGEDInstallation:VerticalAuto coupling:96090992Liquid:		7 m	
Installation:VerticalAuto coupling:96090992Liquid temperature range:040 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:Power input P1:1.3 kWRated power - P2:0.9 kW0.9 kWMains frequency:50 HzRated voltage:1 x 230 VVoltage tolerance:+6/-10 %Max starts per hour:30Rated current at 3/4 load:5.1 ARated current at 1/2 load:5.1 ARated current at 1/2 load:0.96Cos phi - p.f. at 3/4 load:0.92Cos phi - p.f. at 3/4 load:0.92Cos phi - p.f. at 3/4 load:6.3 %Motor efficiency at 1/1 load:6.7 %Motor efficiency at 1/1 load:6.3 %Motor efficiency at 1/1 load:55 %Capacitor size - run:30 µFMethod of start:DOLEnclosure class (IEC 28-5):IP68Insulation class (IEC 85):F		SUBMERGED	
Auto coupling:96090992LiquidILiquid temperature range:0 40 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:IPower input P1:1.3 kWRated power - P2:0.9 kWMains frequency:50 HzRated voltage:1 x 230 VVoltage tolerance:+6/-10 %Max starts per hour:30Rated current at 3/4 load:5.1 ARated current at 1/2 load:5.1 ARated current at 1/2 load:2.6 ACos phi - p.f. at 1/2 load:0.86Rated speed:2870 rpmMotor efficiency at 1/1 load:67 %Motor efficiency at 1/2 load:55 %Capacitor size - run:30 µFMethod of start:DOLEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):F	-	Vertical	
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Selected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data: $\hfillower input P1:$ 1.3 kWRated power - P2:0.9 kW $\hfillower input P1:$ Rated voltage:1 x 230 VVoltage tolerance:+6/-10 %Max starts per hour:30Rated current:6.1 ARated current at 3/4 load:5.1 ARated current at 1/2 load:4.1 AStarting current:38 ARated current at no load:2.6 ACos phi - p.f. at 3/4 load:0.92Cos phi - p.f. at 3/4 load:63 %Motor efficiency at full load:63 %Motor efficiency at 1/12 load:55 %Capacitor size - run:30 µFMethod of start:DOLEnclosure class (IEC 85):F		0 40 °C	
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Max starts per hour:30Rated current: 6.1 A Rated current at 3/4 load: 5.1 A Rated current at 1/2 load: 4.1 A Starting current: 38 A Rated current at no load: 2.6 A Cos phi - power factor: 0.96 Cos phi - p.f. at 3/4 load: 0.92 Cos phi - p.f. at 1/2 load: 0.86 Rated speed: 2870 rpm Motor efficiency at full load: 67% Motor efficiency at 1/2 load: 55% Capacitor size - run: $30 \mu F$ Method of start:DOLEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):F	-		
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Insulation class (IEC 85): F			
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Company name: Created by: Phone:

18/07/2024

Date:

Description	Value
Built-in motor protection:	THERMAL SWITCH
Power cable type:	H07RN-F
Length of power cable:	10 m
Power plug:	No plug
Controls:	
Control box:	Ν
Moisture sensor:	Ν
Water-in-oil sensor:	Ν
AUTOADAPT:	No
Others:	
Net weight:	46.5 kg
Gross weight:	51.8 kg
Danish VVS No.:	391296113



