

Description			Date:	10/11/2020	
SP 95-3-B					
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	Theorem of the second s				
			ture may differ from a		
Product No.: 190		Note: Product pit	ture may differ from a		
11000001100190	01903				
Submersible bore	hole pump, suitabl	e for pumping	clean water. Can	be installed vertically or horizon	tally. All st
components are r carries drinking w		teel, EN 1.430	01 (AISI 304), that	ensures high corrosive resistan	ce. This pu
•	••	SOOO motor wi	th sand shield me	chanical shaft seal, water-lubric	ated iourn
bearings and a vo	plume compensatin	g diaphragm.	The motor is a car	nned type submersible motor off to to 40 °C.	fering good
	-				
The motor is fitted	d with the Grundfos anel, enables tempe	Tempcon sei	nsor that, by use o	f powerline communication toge	ether with a
•	lirect-on-line startin		ning.		
		g (DOL).			
Further produ	ct details				
•	able for applications	s similar to the	followina:		
- raw-water	supply		C		
- irrigation					
 groundwat pressure b 	er lowering				
- Diessuie D	Ų				
	DOUCATIONS				
- fountain ar	oplications.				
- fountain ap		t with pumped	liquids are made	in stainless steel which makes t	hem corros
- fountain ap Pump All pump surfaces and wear-resistar	s that are in contac nt. The corrosion di	agram below	shows the capabili	in stainless steel which makes t ties of the pump and motor in re	hem corro
- fountain ap Pump All pump surfaces and wear-resistar	s that are in contac	agram below	shows the capabili	ties of the pump and motor in re	hem corro elation to th
- fountain ap Pump All pump surfaces and wear-resistar	s that are in contac nt. The corrosion di	agram below the concentrat	shows the capabili	ties of the pump and motor in re	hem corros elation to th
- fountain ap Pump All pump surfaces and wear-resistar temperature in Ce	s that are in contac nt. The corrosion di elsius (y-axis) and t	agram below she concentrat	shows the capabili	ties of the pump and motor in reopm (x-axis).	hem corros elation to th
- fountain ap Pump All pump surfaces and wear-resistar temperature in Ce	s that are in contac nt. The corrosion di elsius (y-axis) and t		shows the capabili	ties of the pump and motor in reopm (x-axis).	hem corro Plation to th
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10/11/2020

Qty. | Description

The suction interconnector is fitted with a strainer to prevent large particles from entering the pump. The suction interconnector is designed to comply with NEMA standards for motor mounting/dimensions.

Date:

Motor

The stator is hermetically encapsulated in stainless steel and the windings are embedded in polymer compound. This results in high mechanical stability, optimum cooling and reduces the risk of short circuits in the windings.

The shaft seal faces are ceramic/carbon. The material combination provides good dry-running resistance. Together with the shaft seal housing, the sand shield forms a labyrinth seal, which during normal operating conditions prevents penetration of sand particles into the shaft seal.

The motor is fitted with the Grundfos Tempcon temperature sensor device that includes a NTC-resistor which senses the temperature. The resistor is built-in close to the winding. The temperature is converted into a high-frequency signal which is sent via the submersible drop cable and which can be converted into a temperature reading by means of Grundfos MP204.

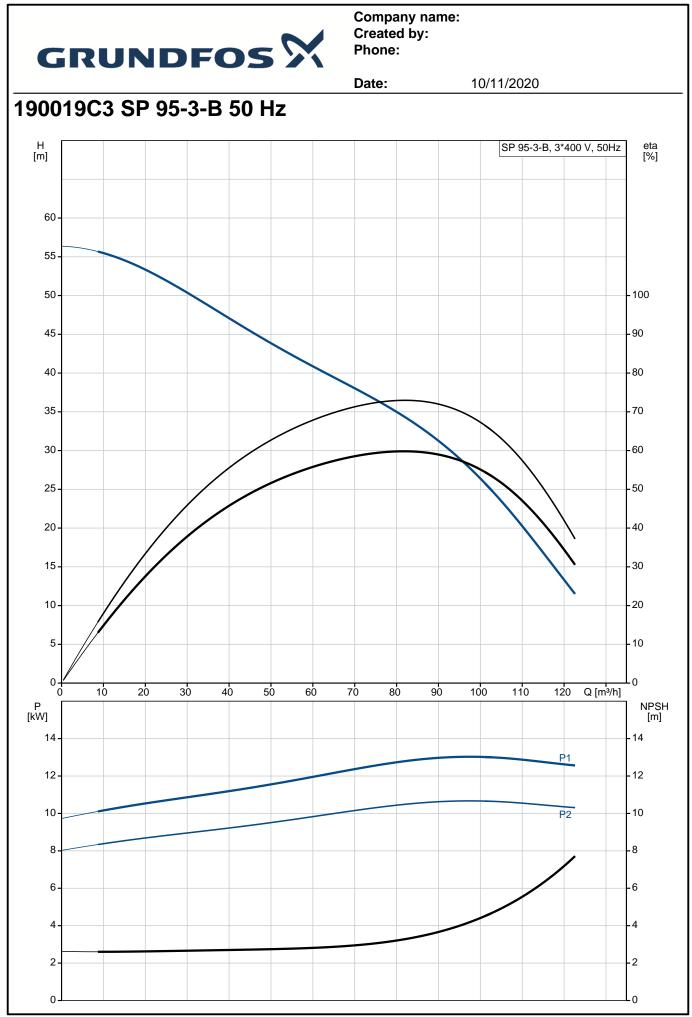
The MP204 is an electronic motor protection device that also monitors the supply network quality to protect the submersible motor against supply network disturbances.



Liquid: Pumped liquid: Maximum liquid temperature: Max liquid t at 0.15 m/sec: Selected liquid temperature: Density:	Water 40 °C 40 °C 20 °C 998.2 kg/m ³
Technical: Pump speed on which pump dat Rated flow: Rated head: Shaft seal for motor: Approvals on nameplate: Curve tolerance: Motor version:	a are based: 2900 rpm 95 m ³ /h 30 m CER/CARNBR CE,GOST2 ISO9906:2012 3B T40
Materials: Pump: Impeller: Motor:	Stainless steel EN 1.4301 AISI AISI 304 Stainless steel EN 1.4301 AISI AISI 304 Stainless steel DIN WNr. 1.4301 AISI 304
Installation: Pump outlet: Motor diameter: Electrical data: Motor type:	RP5 6 inch MS6000
	Pumped liquid: Maximum liquid temperature: Max liquid t at 0.15 m/sec: Selected liquid temperature: Density: Technical: Pump speed on which pump dat Rated flow: Rated head: Shaft seal for motor: Approvals on nameplate: Curve tolerance: Motor version: Materials: Pump: Impeller: Motor: Installation: Pump outlet: Motor diameter: Electrical data:



SectionRated power P2:11 kWMains frequency:50 HzRated voltage:3 x 300-400-415 VRated voltage:2 50-25.0-24.8 AStarting current:470-520-540 %Cos ph i - power factor:0.84-0.82-0.79Rated speed:0.84-0.82-0.79Rated speed:UrestFolsen:VNor No:7 8195514Others:EU P Standalone/Prod.Net weight:So KgGos weight:0.6 kgShipping volume:0.2 m ³ Country of origin:GBCustorn tariff no::84137029	ated power - P2:11 kWower (P2) required by pump:11 kWains frequency:50 Hzated voltage:3 x 380-400-415 Vated current:26.0-25.0-24.8 Atarting current:470-520-540 %os phi - power factor:0.84-0.82-0.79ated speed:2850-2870-2880 rpmtart. method:direct-on-linenclosure class (IEC 34-5):IP68sulation class (IEC 35):Fuilt-in temp. transmitter:yesotor No:78195514thers:inimum efficiency index, MEI ≥:rP status:EuP Standalone/Prod.et weight:80 kgross weight:106 kgnipping volume:0.2 m³ountry of origin:GB	Rated power - P2:11 kWPower (P2) required by pump:11 kWMains frequency:50 HzRated voltage:3 x 380-400-4Rated current:26.0-25.0-24Starting current:470-520-540Cos phi - power factor:0.84-0.82-0.7Rated speed:2850-2870-24Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68	4.8 A 0 % 79	
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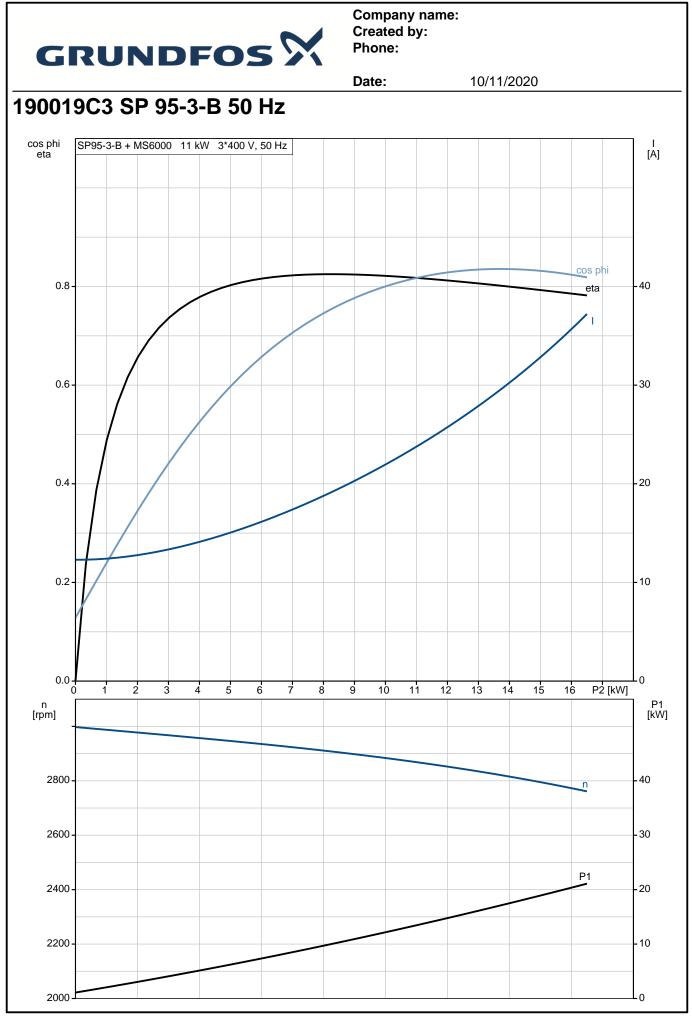




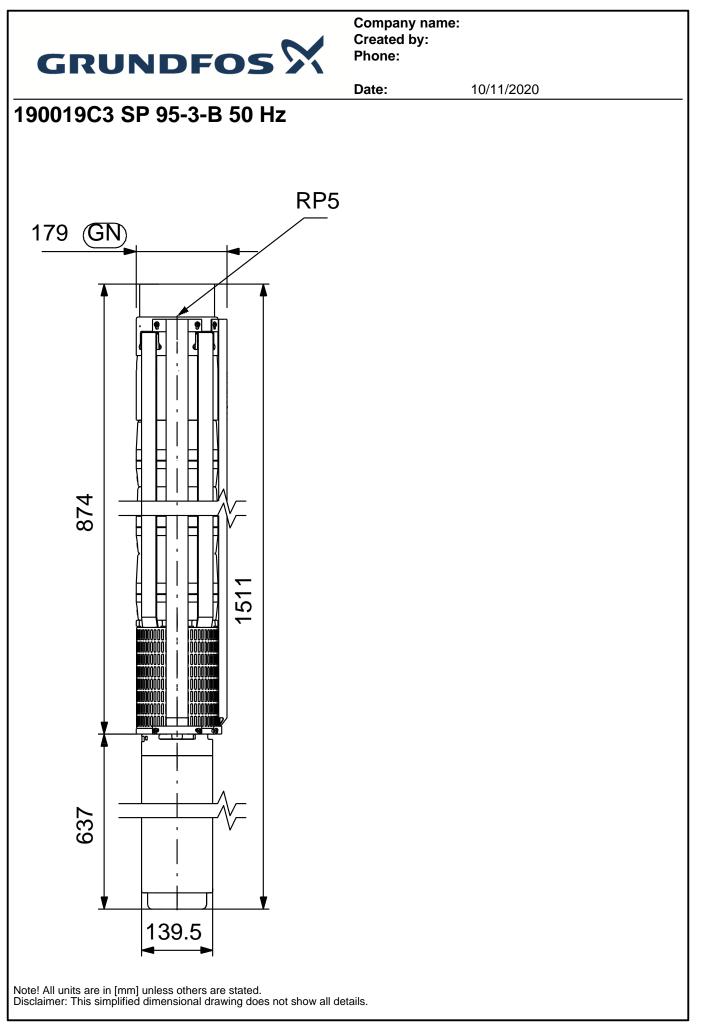
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General Information: Product name: SP 95:3-8 Product No: SEAN number: GRD 3009C3 State afformation: Price: GBP 5504 Technical: Prime: GBP 5504 Technical: Prime: GBP 5504 Technical: Prime: State flow: State afformation: CEVC/ARNBR Approvals on nameplate: CE/GOST2 CEVC/ARNBR Approvals on nameplate: CE/GOST2 Unive to rearison: T40 Materials: Pump: Pump: Pump: Pump: Stainless steel Pump: Pump: Motor: DIN W-Nr. 14301 Impaller: AISI ASI 304 Impaller: CE/GOST2 ASI ASI 40 ASI ASI 304 Impaller: CE/GOST2 ASI ASI 40 ASI	Description	Value	H [m]		SP 95-3-B, 3*400 V, 50Hz	eta [%]
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Product No: EAN number: Frice: GEP 5504 Technical: Pump speed on which pump data are based: Reted flow: Stages: 30 m Stages: 33 Impelier reduct: B Shaft seal for motor: CER/CARNBR Approvals on nameplate: CE,GOST2 Curve tolerance: ISO9906:2012 3B Model: B Valve: VES Motor version: T40 Meterials: Pump: AISI AISI 304 Motor: DIN WNr. 14.301 Motor: Pump outlet: B Statinless steel Impelier: EN 14.301 Motor: Pump outlet: B Statinless steel Pump outlet: B Statinless steel D Statinless steel B Statinless steel D Statinless steel D S		SP 95-3-B	60 -			
EAN number: 5700383398751 Price: GPP 5604 Technical: Pump speed on which pump data are based: 30 m Stages: 30 Stages: 30 Stages: 30 Stages: 30 Stages: 30 Stages: 30 Stages: 30 Stages: 40 Shaft seal for motor: CER/CARNBR Approvals on nameplate: CE CGOST2 Curve tolerance: ISO9906:2012 3B Model: B Pump: EN 1.4301 Pump: EN 1.4301 Pump: EN 1.4301 Impeller: CISIO9906:2012 3B Model: B Pump: EN 1.4301 Impeller: Stainless steel Impeller: Stainless steel Impeller: Stainless steel Impeller: Stainless steel Impeller: AISI AISI 304 Impeller: AISI 304 Impeller: AISI 304 Imstallation: Pump outot: RP5 Motor moto: AISI 304 Imstallation: Pump outot: RP5 Motor type: MS6000 Apple. motor: GRNNDFOS Rated oware: 20 Sected liquid temperature: 20 Secte						
Price: GBP 5504 Technical: Pump speed on which pump data are 2000 rpm Rated head: Stages: 3 Impeler reduc: B Stages: 3 Impeler reduc: B Staniess steel Nadel: B Valve: VES Valve: VES Valve: VES Valve: VES Valve: VES Valve: VES Valve: Stainless steel Pump: EN 1.4301 Impeller: Stainless steel Pump: EN 1.4301 Impeller: EN 1.4301 Impeller: EN 1.4301 Impeller: EN 1.4301 Impeller: AISI 304 Installation: Pump: VES Valve: VES Motor diameter: LO Valve: VES Motor diameter: EN 1.4301 Impeller: AISI 304 Impeller: AISI 304 Impeller: AISI 304 Impeller: AISI 304 Impeller: EN 1.4301 Impeller: AISI 304 Impeller: EN 1.4301 Impeller: AISI 304 Impeller: AISI AISI 304 Impeller: AISI AISI AISI AISI AISI AISI AI			55-			
Technical: Pump speed on which pump data are based: Rated flow: Rated flow: Rated flow: Rated flow: Both seal for motor: CER/CARNBR Approvals on nameplate: CE. GOST2 Curve tolerance: ISO9906.2012 3B Model: B Shaft seal for motor: CER/CARNBR Approvals on nameplate: CE. GOST2 Curve tolerance: ISO9906.2012 3B Model: B Motor: T40 Pump:			50 -			- 100
Pump speed on which pump data are 2900 rpm Rated flow: 95 m³/h Rated flow: 92 main flow: 96 m²/h Rated flow: 92 main flow: 92 main flow: 96 m²/h Rated flow: 92 main f		001 0004	45 -			- 90
based: 2500 rpln Rated Nov: 95 m/h Rated Nov: 95 m/h Rated Nov: 30 m Stages: 3 Impelier reduc:: B Shaft seal for motor: CER/CANBR Approvals on nameplate: CE, CGST2 Curve tolerance: ISO8906/2012 3B Modot: B Pump: CH 14301 Pump: CH 14301 Pump: AISI AISI 304 Impelier: EN 1.4301 Impelier: EN 1.4301 Impelier: CH 1.4301 Impelier: AISI AISI 304 Motor: DIN WN. 1.4301 Motor: AISI AISI 304 Motor: AISI AISI 304 Installation: RP5 Pumpo diguid: Water Maxinguid to 16 m/sec: 40 °C Selected liquid temperature: 20 °C Polime facto: GRNOFOS Rated Quency: S0 Hz Rated Apple.motor: GRAHO-028-079 Rated Speed: 2850-2870-2880 rpm Starting ourrent:						
Rated head: Stages: Stages: Stages: Shaft seal for motor: CER/CANBR Approvals on nameplate: CE, GOST2 Curve tolerance: ISO8906:2012 3B Model: B Valve: VES Motor version: T40 Materials: Pump: Pump: Notor version: T40 Materials: Pump: Pump: AISI AISI 304 Motor: Dump: AISI AISI 304 Motor: Dump: Pump: AISI AISI 304 Motor: Dump: Pump: AISI AISI 304 Motor: Dump: Pump: AISI AISI 304 Motor: Dump: Pump: AISI AISI 304 Motor: Dump: Pump: AISI AISI 304 Motor: Dump: Pump: Pump: AISI AISI 304 Motor: Dump: Pump: Pump: AISI AISI 304 Motor: Dump: Pump: Pump: AISI AISI 304 Motor: Dump: Pump: Pump: Pump: AISI AISI 304 Motor: Dump: Pump: Pump: AISI AISI 304 Motor: Dump: Pump: AISI AISI 304 Motor: Dump: Pump: AISI AISI 304 Motor: Dump: Pumpeliquid: Pumped liquid: Pumped liquid: Maximum liquid temperature: 40 °C Selected liquid temperature: 20 °C Selected liquid temperature: 26:0-25:0-248 A Starting current: 40 °C AISI ASD AISI ASD	based:	•				- 80 - 70
Stages: 3 Impeller reduc:: B Shaft seal for motor: CERCARNER Approvals on nameplate: CE, GOST2 Curve tolerance: ISO0906:2012 3B Model: B Valve:: YES Motor version: T40 Materials: Pump: Pump: EN 14301 Pump: EN 14301 Pump: EN 14301 Impeller: Stainless steel Impeller: AISI AISI 304 Motor: Stainless steel Impeller: AISI AISI 304 Installation: Pump outlet: Pumpoliti: RP5 Motor diameter: 6 inch Liquid: Pumpoliti: Pumpoliti: RP5 Motor rotor: GRUNDFOS Rated quoters: 3 40 °C Salat set ourent: 26.0-25.0-248. A Stait method: Greet-on-line Enclosure class (IEC 34-5): IP B88 Insulation class (IEC 345): F Motor roto: Cos Ph - opwer factor: Cos ph -			33-			
Impeller reduc: Shaft seal for motor: CER/CARNER Approvals on nameplate: CE.GOST2 Curve tolerance: ISO9906:2012 3B Modol: B Stainless steel Pump: AISI AISI 304 Notor: Stainless steel Motor: Motor: Motor: Motor: Stainless steel Motor: Motor: Motor: Motor: Motor: Motor: Motor: Motor: Stainless steel Motor: Maximum liquid temperature: 20 °C Selected liqu			30 -			- 60
Shaft seal for motor: Approvals on nameplate: CER,CARNER Approvals on nameplate: CER,CARNER Approvals on nameplate: CER,CARNER B Approvals on nameplate: ISO9906:2012 3B Model: B Motor version: T40 Materials: Pump: Pump: Pump: Pump: Pump: Pump: Pump: Nalsi AISI 304 Motor: CER,CARNER B B CER,CARNER B CER,CARNER B CER,CARNER B CER,CARNER B CER,CARNER CER,CARNER B CER,CARNER C	-		25 -			- 50
Shaft search indol. CERCANNER Approvals on nameplate: Curve tolerance: Wodel: B Valve: Pump: Pump: Pump: Pump: Pump: Pump: Pump: Pump: Pump: Pump: Pump: Pump: Pump: Pump: Pump: Pump: Pump: Pump: AISI AISI 304 Notor: Stainless steel Notor: DIN W-Nr. 1.4301 Notor: Batallation: Pump outlet: Refs Notor diameter: Liquid: Pumpe liquid: Water Maximum liquid temperature: 20 °C Selected liquid temperature: 250 -28 -0 -24.8 A Starting current: 250 -28 -0 -24.8 A Starting current: 250 -28 -0 -24.8 A Starting current: 250 -28 -0 -24.8 A Starting current: 260 -20 ·0						10
Curve tolerance: ISO9906:2012 3B Model: B Model: YES Materials: YES Pump: Stainless steel Pump: AISI AISI 304 Impeller: Stainless steel Impeller: AISI AISI 304 Impeller: AISI AISI 304 Motor: DIN W-Nr. 1.4301 Installation: Pump outlet: RP5 Motor diameter: 6 inch Liquid: Pump outlet: RP5 Motor diameter: 6 inch Liquid: Pump outlet: RP5 Motor diameter: 40 °C Selected liquid temperature: 40 °C Selected liquid temperature: 40 °C Selected liquid temperature: 40 °C Selected liquid temperature: 9982. kg/m ³ Electrical data: Motor type: MS6000 Applic. motor: GRUNDFOS Rated power - P2: 11 kW Power (P2) required by pump: 11 kW Amins frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated current: 26.0-25.0-24.8 A Starting current: 470-520-540 % Cos phi - power factor: 0.84-0.82-0.79 Rated speed: 2850-2870-2880 rpm Start. method: 3 (IEC 36); F Motor P0: csi (IEC 34-5); IP68 Insulain class (IEC 36); F Motor No: 78195514 Others: Minium efficiency index, MEI 8/w#:			20-			- 40
Model: B Valve: YES Valve: YES Motor version: T40 Materials: Pump: Pump: EN 1.4301 Pump: EN 1.4301 Impeller: Stainless steel Impeller: EN 1.4301 Impeller: AISI AISI 304 Motor: Stainless steel Motor: AISI 304 Installation: Pumpoutlet: Pumpoutlet: RP5 Motor diameter: 6 inch Liquid: Pumped liquid temperature: Pumped liquid: Water Max liquid tat 0.15 m/sec: 40 °C Rated voltage: 3 x 380-400-415 V Rat			15-	·		- 30
Model: B Motor version: T40 Materials: Pump: Pump: Stainless steel Pump: AISI AISI 304 Pumpler: AISI AISI 304 Impeller: EN 1.4301 Impeller: AISI AISI 304 Motor: DIN WNr. 1.4301 Motor: DIN WNr. 1.4301 Motor: DIN WNr. 1.4301 Motor: AISI AISI 304 Installation: Pumpo utid: Pumped liquid: Water Maximum liquid temperature: 20 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Moor Motor type: MS6000 Applic.motor: GRUNPCOS Rated voltage: 3 x 380-400-415 V Rated voltage: 2 SS0-2870-2880 rpm <			10		N	- 20
Value TLO Materials: Pump: Stainless steel Impeller: EN 1.4301 Impeller: Stainless steel Impeller: EN 1.4301 Impeller: Stainless steel Motor: Stainless steel Motor: DIN WNr. 1.4301 Motor: AISI 304 Installation: Pump putet: RP5 Motor diameter: 6 inch Liquid: Pumpediquid temperature: Pumpediquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: MS6000 Motor: O.84-0.82.0.79 Rated yourge: 3 x 380-400-415 V Rated yourge: 2 S60-227.0280 rpm Starting current: 2 S60-227.0280 rpm Start. method: direct-on-line Enclosure class (IEC 35): F Motor protes: NONE Thermal protec: NONE Thermal protec: Reternal Buil-in temp: transmitter: <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Materials: 0 20 40 60 80 100 Q(mMH) Pump: EN 1.4301 Pump: AISI AISI 304 Pump: Pump: AISI AISI 304 Pump: Pum: Pump: Pump:			5			- 10
Materials: Pump: Pump: Pump: Impeller: Impeller: Impeller: EN 1.4301 Impeller: Impeller: AISI AISI 304 Motor: AISI AISI 304 Motor: Impeller: Motor: AISI AISI 304 Motor: Distalialisis steel Motor: Installation: Pump outlet: Res Motor diameter: Ginch Liquid: Pumped liquid: Water Max liquid ta 10.15 m/sec: 40 °C Assi Laylit at 0.15 m/sec: Maxinguid ta 0.15 m/sec: 20 °C Selected liquid temperature: 20 °C Selected liquid temperature: 20 °C Selected liquid temperature: 20 °C Starting current: 20 °C Starting current: 20 °C Starting current: 20 °C Start	Motor version:	T40	0	40 00		\bot_0
Pump: Stainless steel Pump: EN 1.4301 Pump: EN 1.4301 Pump: EN 1.4301 Impeller: Stainless steel Pre- Impeller: AISI AISI 304 Motor: DIN W-Nr. 1.4301 Installation: DIN W-Nr. 1.4301 Motor: AISI 304 Motor: AISI 304 Motor: Bisiliation: Pumped liquid: Water Maximum liquid temperature: 40 °C Max liquid 1 0.15 m/sec: 40 °C Density: 998.2 kg/m ³ Electrical data: Motor type: MS6000 Applic. motor: GRUNDFOS Rated power - P2: 11 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated voltage: 2850-2870-2880 rpm Start. method: direct-on-line Enclosure class (IEC 34-5): IP688 Insulation class (IEC 34-5): IP688 Insulation class (IEC 34-5): IP688 Thermal protec: external Buil-in temp. transmitter: yes Motor No: 78195514 Others:			Р	40 60	80 100 Q [m³/h]	NPSH
Dump:AISI AISI 304Impeller:Stainless steelImpeller:EN 1.4301Impeller:AISI AISI 304Motor:Stainless steelMotor:DIN WNr. 1.4301Motor:AISI 304Motor:AISI 304Motor:AISI 304Motor:DIN WNr. 1.4301Installation:Pumpe diquid:Pump outlet:RP5Motor diameter:6 inchLiquid:Pumped liquid:Waximum liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:Motor:Motor type:MS6000Applic. motor:GRUNDFOSRated over - P2:11 kWPower factor:0.84-0.82-0.79Rated over - P2:11 kWMains frequency:50 HzRated voltage:3 x 380-400-415 VRated voltage:3 x 380-400-415 VRated voltage:3 x 380-400-415 VRated voltage:3 x 380-400-820.79Rated seed:2850-2870-2880 rpmStarting current:20-05-024-8 AStarting current:20-05-024-8 AStarting current:0.84-0.82-0.79Rated seed:2850-2870-2880 rpmIsulation class (IEC 34-5):IP68Insulation class (IEC 34-5):FMotor roto:78195514Wither:NONEMinimum efficiency index, MEI 8%*:	Pump:	Stainless steel	[kW]			[m]
Pump: AISI AISI 304 Impeller: Stainless steel Impeller: AISI AISI 304 Motor: AISI AISI 304 Motor: AISI AISI 304 Motor: AISI 304 Installation: Pump outlet: RP5 Motor diameter: 6 inch Liquid: Pumped liquid: Water Maximum liquid temperature: 40 °C Belected liquid temperature: 20 °C Density: 998.2 kg/m ³ Electrical data: Motor type: MS6000 Applic. motor: GRUNDFOS Rated power - P2: 11 kW Power (P2) required by pump: 11 kW Rated voltage: 3 x 380-400-415 V Rated current: 26.0-25.0-24.8 A Starting current: 470-520-540 % Cos phi - power factor: 0.84-0.82-0.79 Rated speed: 2850-2870-2880 rpm Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 34-5): F Motor protec: NONE Enclosure class (IEC 34-5): F Motor protec: NONE Enclosure class (IEC 34-5): F Motor protec: NONE Enclosure class (IEC 35): F Motor protec: NONE Enclosure class (IEC 34-5): F Motor protec: NONE Enclosure class (IEC 34-5): F Motor protec: NONE Enclosure class (IEC 35): F Motor protec: NONE Enclosure class (IEC 35): F Motor protec: NONE Enclosure class (IEC 35): F Motor protec: NONE Enclosure class (IEC 36): F Moto	•		10		P1	- 12
Impeller: Impeller: AISI AISI 304 Motor: Motor: Motor: Motor: Motor: AISI 304 Motor: Motor: AISI 304 Installation: Pumpoutet: RP5 Motor diameter: 6 inch Liquid: Pumpoutet: RP5 Motor diameter: 6 inch Liquid: Pumpoutet: Maximum liquid temperature: 40 °C Selected liquid temperature: 20 °C Density: Selected liquid temperature: 20 °C Selected liquid temperat	Pump:	AISI AISI 304				
Impeller: AISI AISI 304 Motor: Stainless steel Motor: DIN W-Nr. 1.4301 Motor: AISI 304 Installation: Pump outlet: RP5 Motor diameter: 6 inch Liquid: Pumped liquid: Water Maximum liquid temperature: 40 °C Max liquid t at 0.15 m/sec: 40 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m ³ Electrical data: Motor type: MS6000 Applic. motor: GRUNDFOS Rated power -P2: 111 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated speed: 2850-2870-2880 rpm Rated speed: Piece external Built-in temp. transmitter: yes Motor No: 78195514 Others: Minimum efficiency index, MEI å%&¥:	Impeller:	Stainless steel	10-		P2	10
Motor: Stainless steel Motor: DIN WNr. 1.4301 Motor: AISI 304 Installation: Pumpoutlet: Pumpoutlet: RP5 Motor diameter: 6 inch Liquid: Water Maxinguid ta 0.15 m/sec: 40 °C Selected liquid temperature: 40 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Motor type: Motor type: MS6000 Applic. motor: GRUNDFOS Rated power - P2: 11 kW Power (P2) required by pump: 11 kW Power (P2) required by pump: 11 kW Rated current: 26.0-25.0-248.A Starting current: 470-520-540 % Cos phi - power factor: 0.84-0.82-0.79 Rated speed: 2850-2870-2880 rpm Start. method: direct-online Insulation class (IEC 34-5): IP68 Insulation class (IEC 34-5): F Motor rote: NONE Thermal protec: external Built-in temp. transmitter: <	Impeller:	EN 1.4301	8-			- 8
Motor: DIN WNr. 1.4301 Motor: AISI 304 Installation: Pump outlet: Pump outlet: RP5 Motor diameter: 6 inch Liquid: Water Maximum liquid temperature: 40 °C Max liquid t at 0.15 m/sec: 40 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Motor type: Motor type: MS6000 Applic. motor: GRUNDFOS Rated power - P2: 11 kW Power (P2) required by pump: 11 kW Rated speed: 2850-2870-2880 rpm Start. method: direct-on-line Insulation class (IEC 85): F Motor protec: NONE Thermal protec: external Built-in temp. transmitter: yes Motor No:	Impeller:	AISI AISI 304	6 -			- 6
Motor: DIN WNr. 1.4301 Motor: AISI 304 Installation: Pumpoutlet: Pumpoutlet: RP5 Motor diameter: 6 inch Liquid: Pumped liquid: Pumped liquid: Water Maximum liquid temperature: 40 °C Max liquid 1 at 0.15 m/sec: 40 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: MS6000 Applic. motor: GRUNDFOS Rated power - P2: 11 kW Power (P2) required by pump: 11 kW Mast requency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated voltage: 3 x 380-400-415 V Rated voltage: 3 x 380-400-415 V Rated speed: 2850-2870-2880 rpm Start.method: direct-on-line Insulation class (IEC 85): F Motor No: 78195514 Others: Minimum efficiency index, MEI å‰e#: Minimum efficiency index, MEI å‰e#:	Motor:	Stainless steel	4			- 4
NUCL. Arist sold Installation: Pump outlet: Pump outlet: RP5 Motor diameter: 6 inch Liquid: Pumped liquid: Pumped liquid: Water Maximum liquid temperature: 40 °C Max liquid 1 at 0.15 m/sec: 40 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Motor type: Motor type: MS6000 Applic. motor: GRUNDFOS Rated power - P2: 11 kW Power (P2) required by pump: 11 kW Mate dvoltage: 3 x 380-400-415 V Rated power - P2: 11 kW Power (P2) required by pump: 11 kW Power (P2) required by pump: 11 kW Power (P2) required by pump: 11 kW Rated power - P2: 3 x 380-400-415 V Rated speed: 2850-2870-2880 rpm Start. method: direct-on-line Enclosure class (IEC 85): F Motor protec: NONE Thermal protec: external Built-in temp. transmitter	Motor:	DIN WNr. 1.4301				
InstantionRP5Motor diameter:6 inchLiquid:WaterMaximum liquid temperature:40 °CMaximum liquid temperature:20 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:Motor type:Motor type:MS6000Applic. motor:GRUNDFOSRated power - P2:11 kWPower (P2) required by pump:11 kWPower (P2) required by pump:11 kWPower (P2) required by pump:11 kWRated voltage:3 x 380-400-415 VRated voltage:3 x 380-400-415 VRated power - P2:11 kWPower (P2) required by pump:11 kWPower (P2) required by pump:11 kWRated speed:2850-2870-2880 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 34-5):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others:Via geneMinimum efficiency index, MEI å%*:	Motor:	AISI 304	2-			-2
Motor diameter:6 inchLiquid:WaterPumped liquid:WaterMaxinguid temperature:40 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:MS6000Applic. motor:GRUNDFOSRated power - P2:11 kWPower (P2) required by pump:11 kWMated voltage:3 x 380-400-415 VRated voltage:3 x 380-400-415 VRated speed:2850-2870-2880 rpmStarting current:470-520-540 %Cos phi - power factor:0.84-0.82-0.79Rated speed:2850-2870-2880 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 34-5):IP68Insulation class (IEC 34-5):IP68Insulation class (IEC 85):FMotor No:78195514Others:Minimum efficiency index, MEI ≥:	Installation:		0			
Motor dameter:6 inchLiquid:Pumped liquid:Maxinum liquid temperature:40 °CMax liquid t at 0.15 m/sec:40 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:Motor type:Motor type:Motor type:Motor type:Maxing frequency:50 HzRated power - P2:11 kWPower (P2) required by pump:11 kWMains frequency:50 HzRated voltage:3 x 380-400-415 VRated current:26.0-25.0-24.8 AStarting current:26.0-25.0-24.8 AStarting current:26.0-25.0-24.8 AStarting current:26.0-25.0-280 rpmRated speed:2850-2870-2880 rpmStart. method:Insulation class (IEC 34-5):Insulation class (IEC 34-5):Insulation class (IEC 34-5):Insulation class (IEC 34-5):Thermal protec:motor No:78195514Others:Minimum efficiency index, MEI å%*:	Pump outlet:	RP5	1	_		
Pumped liquid: Water Maximum liquid temperature: 40 °C Max liquid t at 0.15 m/sec: 40 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data:		6 inch		5		
Maximum liquid temperature:40 °CMax liquid t at 0.15 m/sec:40 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:Motor type:MS6000Applic. motor:GRUNDFOSRated power - P2:11 kWPower (P2) required by pump:11 kWMains frequency:50 HzRated ourgen:3 x 380-400-415 VRated ourgen:3 x 380-400-415 VRated ourgen:3 x 380-400-415 VRated ourgen:3 x 380-20.79Rated speed:2850-2870-2880 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP688Insulation class (IEC 34-5):IP688Insulation class (IEC 35):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others:Minimum efficiency index, MEI â‰+:			T T			
Max liquid t at 0.15 m/sec:40 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data: $WS6000$ Motor type:MS6000Applic. motor:GRUNDFOSRated power - P2:11 kWPower (P2) required by pump:11 kWMains frequency:50 HzRated voltage:3 x 380-400-415 VRated current:26.0-25.0-24.8 AStarting current:470-520-540 %Cos phi - power factor:0.84-0.82-0.79Rated speed:2850-2870-2880 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 45):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others: $\frac{11.N2}{NUR}$ Minimum efficiency index, MEI å‰*:						
Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Motor type: MS6000 Applic.motor: GRUNDFOS Rated power - P2: 11 kW Power (P2) required by pump: 11 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated voltage: 3 x 380-400-415 V Rated current: 26.0-25.0-24.8 A Starting current: 470-520-540 % Cos phi - power factor: 0.84-0.82-0.79 Rated speed: 2850-2870-2880 rpm Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 34-5): F Motor protec: NONE Thermal protec: external Built-in temp. transmitter: yes Motor No: 78195514 Others: Minimum efficiency index, MEI ≥:						
Density:998.2 kg/m³Electrical data:MS6000Applic. motor:GRUNDFOSRated power - P2:11 kWPower (P2) required by pump:11 kWMains frequency:50 HzRated voltage:3 x 380-400-415 VRated voltage:3 x 380-400-415 VRated current:26.0-25.0-24.8 AStarting current:470-520-540 %Cos phi - power factor:0.84-0.82-0.79Rated speed:2850-2870-2880 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others:Ui. W2 BrownMinimum efficiency index, MEI ≥:Minimum efficiency index, MEI ≥:	•					
Density:998.2 kg/m³Electrical data:MS6000Applic. motor:GRUNDFOSRated power - P2:11 kWPower (P2) required by pump:11 kWPower (P2) required by pump:11 kWRated voltage:3 x 380-400-415 VRated voltage:3 x 380-400-415 VRated current:26.0-25.0-24.8 AStarting current:470-520-540 %Cos phi - power factor:0.84-0.82-0.79Rated speed:2850-2870-2880 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others:U1. W2 BrownMinimum efficiency index, MEI &//w¥:	Selected liquid temperature:					
Motor type:MS6000Applic. motor:GRUNDFOSRated power - P2:11 kWPower (P2) required by pump:11 kWMains frequency:50 HzRated voltage:3 x 380-400-415 VRated current:26.0-25.0-24.8 AStarting current:470-520-540 %Cos phi - power factor:0.84-0.82-0.79Rated speed:2850-2870-2880 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 35):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others:Minimum efficiency index, MEI â‰*:		998.2 kg/m³				
Applic.GRUNDFOSRated power - P2:11 kWPower (P2) required by pump:11 kWMains frequency:50 HzRated voltage:3 x 380-400-415 VRated current:26.0-25.0-24.8 AStarting current:470-520-540 %Cos phi - power factor:0.84-0.82-0.79Rated speed:2850-2870-2880 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 35):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others:Minimum efficiency index, MEI ≥:			μi i i i i i i i i i i i i i i i i i i			
Rated power - P2:11 kWPower (P2) required by pump:11 kWMains frequency:50 HzRated voltage:3 x 380-400-415 VRated current:26.0-25.0-24.8 AStarting current:470-520-540 %Cos phi - power factor:0.84-0.82-0.79Rated speed:2850-2870-2880 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others:Minimum efficiency index, MEI ≥:						
Power (P2) required by pump:11 kWMains frequency:50 HzRated voltage:3 x 380-400-415 VRated current:26.0-25.0-24.8 AStarting current:470-520-540 %Cos phi - power factor:0.84-0.82-0.79Rated speed:2850-2870-2880 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 35):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others:Minimum efficiency index, MEI ≥:	••					
Mains frequency:50 HzRated voltage: $3 \times 380-400-415 V$ Rated current: $26.0-25.0-24.8 A$ Starting current: $470-520-540 \%$ Cos phi - power factor: $0.84-0.82-0.79$ Rated speed: $2850-2870-2880 rpm$ Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others:Minimum efficiency index, MEI ≥:						
Rated voltage:3 x 380-400-415 VRated current:26.0-25.0-24.8 AStarting current:470-520-540 %Cos phi - power factor:0.84-0.82-0.79Rated speed:2850-2870-2880 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others:U1, W2Minimum efficiency index, MEI ≥:			8			
Rated current: $26.0-25.0-24.8 \text{ A}$ Starting current: $470-520-540 \%$ Cos phi - power factor: $0.84-0.82-0.79$ Rated speed: $2850-2870-2880 \text{ rpm}$ Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others: 11.022 BiackMinimum efficiency index, MEI ≥:						
Starting current:470-520-540 %Cos phi - power factor:0.84-0.82-0.79Rated speed:2850-2870-2880 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others:Minimum efficiency index, MEI ≥:			139.5			
Cos phi - power factor:0.84-0.82-0.79Rated speed:2850-2870-2880 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others:UI, W2BrownVI, U2BlackWinimum efficiency index, MEI ≥:						
Cost pin - power ractor.0.04-0.82-0.79Rated speed:2850-2870-2880 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others:Minimum efficiency index, MEI ≥:	-		V/A	DO		
Start. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):FMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others:VI. U2Minimum efficiency index, MEI ≥:						
Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): F Motor protec: NONE Thermal protec: external Built-in temp. transmitter: yes Motor No: 78195514 Others: Minimum efficiency index, MEI ≥:			. <u> </u>	₫ ₫ ₫ Å		
Insulation class (IEC 85): F Motor protec: NONE Thermal protec: external Built-in temp. transmitter: yes Motor No: 78195514 Others: Minimum efficiency index, MEI ≥:						
Motor protec:NONEThermal protec:externalBuilt-in temp. transmitter:yesMotor No:78195514Others:Minimum efficiency index, MEI ≥:Winimum efficiency index, MEI ≥:						
Thermal protec: external Built-in temp. transmitter: yes Motor No: 78195514 Others: U1, W2 Brown W1, W2 Biack W1, W2 Grey						
Built-in temp. transmitter: yes Motor No: 78195514 Others: U1, W2 Brown Winimum efficiency index, MEI ≥:			W2 U2 V2 U1 V1 W1 PE	U1 V1 W1		
Built-in temp. transmitter: yes Motor No: 78195514 Others: U1, W2 Brown Minimum efficiency index, MEI ≥:				M		
Others: U1, W2 Brown Minimum efficiency index, MEI ≥: Y1, U2 Black W1, V2 Grey Grey Stress		•	3~	3~		
Minimum efficiency index, MEI ≥: $\frac{V1, U2}{W1, V2}$ Black W1, V2 Grey		78195514				
Minimum enciency index, MET a‱+:						
	Minimum efficiency index, MEI ≥:					
ErP status: EuP Standalone/Prod.	ErP status:	EuP Standalone/Prod.		—		

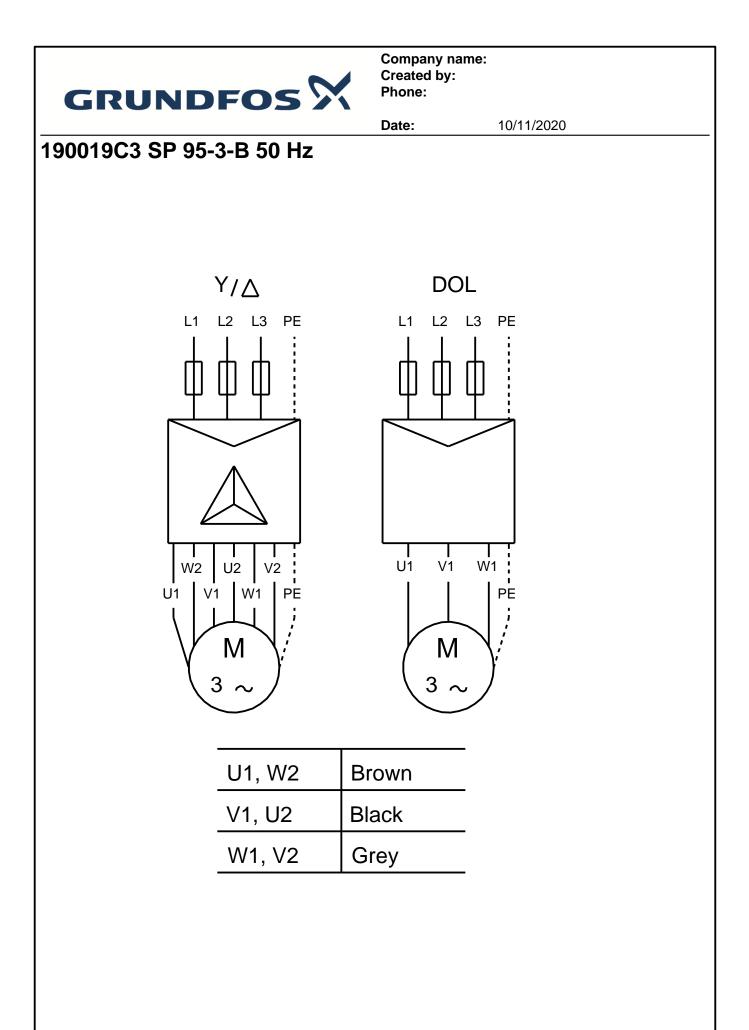


		Date:	10/11/2020
Description	Value		
Net weight:	80 kg		
Gross weight:	106 kg		
Shipping volume:	0.2 m ³		
Country of origin:	GB		
Custom tariff no .:	84137029		



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Note! All units are in [mm] unless others are stated.