GRUNDFOS		Company na Created by: Phone:	ame:			
		Date:	19/01/2021			
Description						
SP 3A-12						
UNDEOS X						
Note! F	roduct picture n	nay differ from act	tual product			
Product No.: On request	autor pioture II					
Submersible borehole pump, suitable for pumping clean water. Can be installed vertically or horizontally. All steel components are made in stainless steel, EN 1.4301 (AISI 304), that ensures high corrosive resistance. This pump carries drinking water approval.						
The pump is fitted with a 0.75 kW MS402 volume compensating diaphragm. The mostability and high efficiency. Suitable for the motor is not fitted with a temperature	otor is a canne emperatures u	ed type submer p to 40 °C.	rsible motor offering good mechanic	al		
fitted. The motor is for direct-on-line starting (DC						
Further product details The pump is suitable for applications simi - raw-water supply - irrigation - groundwater lowering - pressure boosting fountein applications	ar to the follow	wing:				
 fountain applications. Pump All pump surfaces that are in contact with and wear-resistant. The corrosion diagrar temperature in Celsius (y-axis) and the corrosion 	n below shows	s the capabilitie	es of the pump and motor in relation			
100 EN 1.4301	100		EN 1.4301			
90	90					
70 -	70					
60 -	60 —					
50 -	50 —					
40 -	40 —					
	30 —					
30 -						
30	20 _					
	20					
		1 5000 8000 12000	16000 20000			
		 5000 8000 12000	16000 20000			
	e of NBR (Nitr	rile-Butadiene I	Rubber) and TPU (Thermoplastic			



Qty.

Company name: Created by:

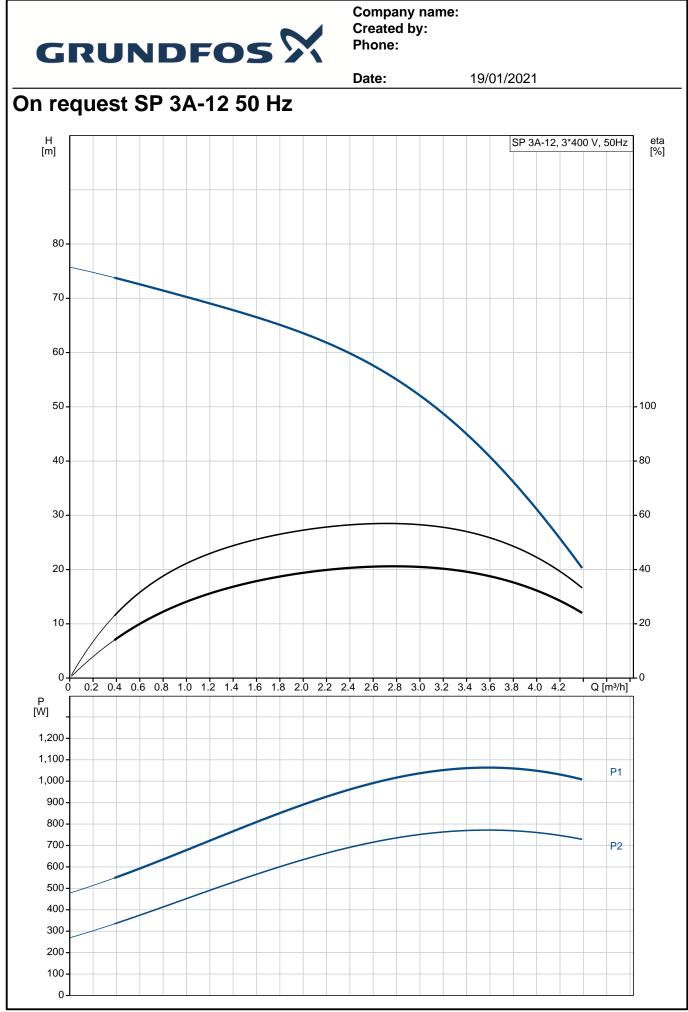
GRUNDF	osX	Phone:	
		Date:	19/01/2021
Description			
Motor			
This results in high mechanical	stability, optimum coo	oling and reduce	ndings are embedded in polymer compound. es the risk of short circuits in the windings.
The shaft seal is of the lip seal good wear resistance, good ela potable water.	type characterised by asticity and resistance	low friction aga to particles. The	ainst the rotor shaft. The NBR elastomer offers e rubber material is approved for use in
The motor can be fitted with a F operating temperature condition		or that together	with a control unit ensures that the maximum
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/m³		
Technical:			
Pump speed on which pump da	ata are based: 2900 r	ma	
Rated flow:	3 m³/h		
Rated head:	53 m		
Shaft seal for motor:	LIPSEAL		
Approvals on nameplate:	CE,EAC		
Curve tolerance:	ISO9906:2012 3B		
Motor version:	T40 SPLINE		
Specification for shaft end:	SPLINE		
Materials:			
Pump:	Stainless steel		
	EN 1.4301		
	AISI AISI 304		
Impeller:	Stainless steel		
	EN 1.4301 AISI AISI 304		
Motor:	Stainless steel		
	DIN WNr. 1.4301		
	AISI 304		
Installation:			
Pump outlet:	Rp1 1/4		
Motor diameter:	4 inch		
	4 11011		
Electrical data:			
Motor type:	MS402		

Electrical data:	
Motor type:	MS402
Rated power - P2:	0.75 kW
Power (P2) required by pump:	0.75 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-400-415 V
Rated current:	2.15-2.30-2.40 A
Starting current:	480-490-480 %
Cos phi - power factor:	0.75-0.72-0.65
Rated speed:	2850-2860-2870 rpm
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	В
Built-in temp. transmitter:	no
Motor No:	79192004
Others:	
Minimum efficiency index, MEI a	i‰¥: 0.70



Company name: Created by: Phone:

	GRUNDF		Phone:	
			Date:	19/01/2021
Qty.	Description			
		EuP Standalone/Pro 12.4 kg 13.8 kg 16.3 m ³ 388313120 5852979 4762652 9040853		19/01/2021



Printed from Grundfos Product Centre [2020.11.049]



Company name: Created by: Phone:

Jeneral Information: Product name: Product No: Con request EAN number: Product No: Con request EAN number: Product No: Con request EAN number: Product No: Con request EAN number: Product name: Eachnical: Pump speed on which pump data are pased: Staint seal for motor. LIPSEAL Systems: Staint seal for motor. LIPSEAL Systems: CE EAC Curve tolerance: ISO9006:2012 3B todef: A Arake: Pump: Staintess ateel Pump: Staintess ateel Pump: Pump: Staintess ateel Pump: Pu			Date:	19/01/2	021	
Paneral Information: Product name: Product No: On request AN number: On request AN number: On request Annumber: Prodict name: Product No: On request AN number: On request Product name: Product name: Product name: Staine safe for which pump data are assed: stage file Staine safe for motor UPSEAL Vaprovals on nameplate: CE, EAC Curve tolerance: ISO9806:2012 3B Koder Version: Alawe: Vers Stainless steel Vump: Alsi Akil Si 304 Yump: Asil (ind th or shrift enc): Materials: Yump: Alsi Akil Si 304 Yump: Alsi Akil Si 304 Yump: Stainless steel Ador: Induct: Water Aasil (ind to respecta) Stainless steel Advic: Sta	Description	Value	H [m]		SP 3A-12, 3*40	00 V, 50Hz
Product No. On request Product No.	General information:		-			
AN number:On requestPrice:Image:Price:Image:Price:SimilarPrice:SimilarPrice:SimilarStated Inow:3 m/hStated head:5 mState state head:5 mState head:5 mState head:5 mState head:5 mState state head:5 mState head:5 mState head:5 mState head:5 mPump:Stainless steelPump:Stainless steelPump:Stainless steelPump:Stainless steelPump:Stainless steelPump:Stainless steelMotor:Stainless steelMotor:Stainless steelPump:Rp 11/4Adord fauid:WaterAdaximum liquid themperature:40 °CAtale fauid:WaterAtale head:3 x 380-400-415 VAtale hower:0.75 kWAtale hower:2.152.30-2.40 AStater bource:NONEInsulans froquency:60 HzStated speed:2.250-2.280 rpmStated speed:2.250-2.280 rpmStated speed:2.250-2.260 rpmStated	Product name:	SP 3A-12	-			
AAN number: On request Proces: Feehnical: Turng speed on which pump data are asod: Stade flow: Stade head: Sa m ^A h Stade head: Shaft sea for motor. Star for motor. Marking for motor: Stainless steel Durp: AISI AISI 304 Motor meallation: Turpo Udie: Map outie: Marking for motor: Stand power -P2: O.75 KW Adaed speed: Starting current: AISI AISI O'C Starting current: AISI AISI 204 Motor prote: MS402 Starting current: AISI AISI 204 Marking for motor: CF, KW Start dower -P2: O.75 KW Atade for AISI Co -45.0 KB Starting current: AISI AISI Co -45.0 KB Start motor: CF, KW Start devort -P2: O.75 KW Atade speed: 2550-250.72-0.65 Start devort for co: NONE Finansitic: Start meth. Start. St	Product No:	On request	80			
The information of the second	EAN number:	-				
Technical: yamp speed on which pump data are asadd: Starde head: Starde head: Sta	Price:		70			
Pump speed on which pump data are asad: 2900 rpm Rated flow: 3 m ³ /h State flow: 3 m ³ /h State flow: 12 mpeller reduc: NONE Shatt scal for motor: LIPSEAL Vapprovals on nameplate: CE_EAC Curve tolerance: A Alawe: YES Model: A Yamp: Stainless steel Tump: EN 1.4301 Yump: Stainless steel Tump: AISI AISI 304 Motor: CHUNPOS Stailess steel Pumpelicit: Auricit: Rp11/4 Motor: CD Adarduit at 0.15 misee: 40 °C Adarduit at 0.15 misee: 40 °C Adarduit at 0.15 misee: 40 °C Adarduit at 0.15 misee: 3 x 380-400-415 V Mainer fuquice: X380-400-			/0-			
Jased: 2400 Jµm Asadel flow: 3 m²h Sated flow: 3 m²h Sated flow: 53 m Jages: 12 INONE Shaft seal for motor: LIPSEAL UPSEAL UPSEAL Approvals on nameplate: CE_EAC Durve tolerance: ISO9906:2012 3B Adder: A Afare: YES Modor version: T40 Specification for shaft end: SPLINE Materials: Pump: Stainless steel mpeller: AISI AISI 304 mpeller: AISI 304 more than the discusses steel Ador visual stainless steel Ador diameter: 4 inch Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intur Intu			-			
kated head: 53 m hages: 12 stages: 12 mpeller reduc:: NONE LIPSEAL Approvals on nameplate: CE_EAC Durve tolerance: ISO9906:2012 3B Addef : A Afaire: YES dotor version: T40 Specification for shaft end: SPLINE daterials: Pump: Stainless steel mpeller: AISI AISI 304 mpeller: AISI 304 motion: DIN WMr. 1.4301 dotor: CI DIN WMr. 1.4301 dotor: Stainless steel dotor: Stainless steel dotor: CI DIN WMr. 1.4301 mpeller: AISI 304 mstallation: Umpoutit: Rp1 1/4 Aotor diameter: 4 inch iguid: Umpoutit: Rp1 1/4 Motor diameter: 40 °C dax liquid 1 of 1.6 msec: 40 °C Becterical data: Motor diameter: 20 °C Density: 938.2 kg/m³ isetrical data: Motor gront: CI CF 0.720.65 Rated power - P2: 0.75 kW Pawer (P2) required by pump: 0.75 kW Pawer (P2) requi	based:	•	60 -			
Stages:12mpeller reduc:NONEhart seal for motor:LIPSEALUpprovals on namepiate:CE.EACZurve tolerance:ISO9906:2012 3Bhodel:A// Ave:YES// dotor version:T40Specification for shaft end:SPLINE Materials: T40''ump:EN 1.4301''ump:EN 1.4301''ump:AISI AISI 304''ump:AISI AISI 304''umpeller:AISI AISI 304mpeller:AISI AISI 304/'dotor:AISI AISI 304// dotor:AISI 304// dotor:AISI 304// dotor:AISI 304// dotor:AISI AISI 304// dotor:AISI AISI 304// dotor:AISI AISI 304// dotor // dotor:GRUNDFOS// satimum liquid temperature:20 °C// Dorsk LWAlso-490 A480 %// Also reguency:50 Hz// Sating current:2.15-2.30-2.40 A// sating current:2.15-2.30-2.40 A// sating current:2.15-2.30-2.40 A// sating current:2.15-2.30-2.40 A// dotor prote:MONE// hord protec:MONE// hord prot			50 -			
mpeller reduc: NONE Shaft seal for motor: LIPSEAL perforwals on amepiate: CE_EAC Surve tolerance: ISO9906:2012 3B Ador/ version: T40 specification for shaft end: SPUINE Materials: Pump: EN14301 Pump: EN14301 Pump: EN14301 Pump: AISI AISI 304 mpeller: Stainless steel mpeller: AISI AISI 304 Motor: AISI	Rated head:	53 m				
mpeller reduc:: NONE haft seal for motor: LIPSEAL Approvals on nameplate: CE.EAC CJuve tolerance: IISO9906:2012 3B Adotor version: T40 psecification for shaft end: SPLINE Materials: Pump: EN 1.4301 Pump: EN 1.4301 Pump: AISI AISI 304 mpeller: AISI AISI 304 mpeller: AISI AISI 304 more income and the steel mpeller: AISI AISI 304 more income and the steel more income and the steel Motor income and the steel stainless steel Motor income and the steel Motor income and the steel more income and the stainless steel more income and the stainless steel more income and the stainless steel Motor: AISI 304 more income and the stainless steel Motor income and the stainless steel Motor income and the stainless steel more income and the stainless steel Motor diameter: 4 inch Lquid: Pumped liquid: Motor diameter: 40 °C Adax liquid temperature: 20 °C Density: 998.2 kg/m ³ Electrical data: Motor type: MS402 Applic.motor: GRUNDFOS Rated voltage: 3 x 380-400-415 V Rated current: 2.152.302.40 A Stating current: 480-490-480 % Dos phi - Dower factor: 0.75-0.72-0.65 Rated speed: 3250-2860-2870 rpm Start. method: direct-on-line Enclosure class (IEC 34-5): IF68 msulation class (IEC 34-5): B Motor prote: NONE Thermal protec: external Bull-in temp, transmitter: no Motor No: 79192004	Stages:	12	40 -			
Approvals on nameplate: CE, EAC Jurve tolerance: ISO9906:2012 3B A lave: YES Motor version: T40 Specification for shaft end: SPLINE Materials: Dump: EXainless steel Dump: EX 14301 Materials: Dump: AISI AISI 304 mpeller: AISI AISI 304 Motor: DIN W-Nr. 14301 Motor: AISI 304 Motor: AISI 304 AISI AISI 304 AISI AISI 304 AISI AISI 304	Impeller reduc.:	NONE				
Approvals on nameplate:CE_EACDive tolerance:ISO9906:2012 3BModel:AAlwe:YESMotor version:T40Specification for shaft end:SPLINEMaterials:T40Pump:Extinless steelPump:AISI AISI 304mpeller:Stainless steelmpeller:AISI AISI 304mpeller:AISI AISI 304Motor (:Stainless steelAdor:DIN W-Nr. 1.4301Motor:AISI 304Motor:AISI 304Motor:Rplitic:Material:YesPumpe Unitel:Rplitic:Motor:AISI 304Motor:GRUNDFOSSatistard:Zoo CParity:998.2 kg/m³Electricitiguity:Si Aiza AuguetaAiated power P2:O	Shaft seal for motor:	LIPSEAL	30-			
Addel:Afalve:YESfalve:YESvare:Tadspecification for shaft end:SPLINEwaterials:Turp:Yump:EN 1.4301Yump:AISI AISI 304mpeller:AISI AISI 304mpeller:AISI AISI 304Adotor:Stainless steelmpeller:AISI AISI 304Adotor:Stainless steelAlotor:AISI 304Adotor:AISI 304Adotor:AISI 304Adotor:AISI 304Adotor:AISI 304Adotor:AISI 304Adotor:AISI 304Adotor diameter:4 inchLiquid:WaterAax liquid tat 0.15 m/sec:40 °CJenetid data:Mador 988. kg/m³Electrical data:MotorAdotor ype:0.75 kWAled voltage:3 x 380-400-415 VStated power P2:0.75 kWAled voltage:3 x 380-400-415 VStated power P2:0.75 kWAled voltage:3 x 380-400-415 VStated power 12:0.75 kWAled voltage:3 x 380-400-415 VStated power 12:0.75 kWAled voltage:3 x 380-400-415 VStated power 12:0.75 kWAled voltage:3 x 380-400-415 VStated power 20:0.75 kWAled voltage:3 x 380-400-415 VStated speed:2250-2860-2870 rpmstart method:direct-on-lineEnclosure class (IEC 34-5):IP68 <td< td=""><td>Approvals on nameplate:</td><td>CE,EAC</td><td>00 -</td><td></td><td></td><td>\mathbf{N}</td></td<>	Approvals on nameplate:	CE,EAC	00 -			\mathbf{N}
Addel:Afalve:YESfalve:YESvare:Tadspecification for shaft end:SPLINEwaterials:Turp:Yump:EN 1.4301Yump:AISI AISI 304mpeller:AISI AISI 304mpeller:AISI AISI 304Adotor:Stainless steelmpeller:AISI AISI 304Adotor:Stainless steelAlotor:AISI 304Adotor:AISI 304Adotor:AISI 304Adotor:AISI 304Adotor:AISI 304Adotor:AISI 304Adotor:AISI 304Adotor diameter:4 inchLiquid:WaterAax liquid tat 0.15 m/sec:40 °CJenetid data:Mador 988. kg/m³Electrical data:MotorAdotor ype:0.75 kWAled voltage:3 x 380-400-415 VStated power P2:0.75 kWAled voltage:3 x 380-400-415 VStated power P2:0.75 kWAled voltage:3 x 380-400-415 VStated power 12:0.75 kWAled voltage:3 x 380-400-415 VStated power 12:0.75 kWAled voltage:3 x 380-400-415 VStated power 12:0.75 kWAled voltage:3 x 380-400-415 VStated power 20:0.75 kWAled voltage:3 x 380-400-415 VStated speed:2250-2860-2870 rpmstart method:direct-on-lineEnclosure class (IEC 34-5):IP68 <td< td=""><td>Curve tolerance:</td><td></td><td>20</td><td></td><td></td><td>$\langle \rangle$</td></td<>	Curve tolerance:		20			$\langle \rangle$
Yalve:YESdotor version:T40moder version:T40Materials:Stainless steelYump:EN 1.4301Yump:AISI AISI 304mpeller:AISI AISI 304mpeller:AISI AISI 304motor:DIN WNr. 1.4301Adotor:AISI 304Adotor:AISI 304Adaximuni Iquid temperature:40 °CPumped liquid:WaterAaximuni Iquid temperature:20 °CPanetaltation:Stainless steelAdotr Gameter:20 °CPanetalty:998.2 kg/m³Electrical data:MS402Applic.motor:GRUNDFOSAtated power - P2:0.75 kWAgains frequency:50 HzStarded power - P2:0.75 kWAgains frequency:50 HzStarded power - P2:0.75 kWAgains frequency:50 HzStarde speed:2850-2860-2870 rpmStarde speed:2850-2860-2870 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):Pe68nsultation class (IEC 34-5):Pe68nsultation class (IEC 35):BAutor No:79192004	Model:		20			
Adotor version: T40 Specification for shaft end: SPLINE Atterials: Stainless steel Pump: EN 1.4301 Pump: AISI AISI 304 mpeller: EN 1.4301 mpeller: AISI AISI 304 Motor: AISI AISI 304 Aotor: DIN W-Nr. 1.4301 Adotor: DIN W-Nr. 1.4301 Adotor: AISI AISI 304 Adotor: DIN W-Nr. 1.4301 Adotor: AISI AISI AISI AISI AISI AISI AISI AISI	Valve:					
Specification for shaft end: SPLINE Materials: Pump: Stainless steel Pump: EN 1.4301 Pump: AISI AISI 304 Pumpeller: Stainless steel mpeller: AISI AISI 304 Motor: AISI 304 Pumpellquid: Water Maximul iquid temperature: 40 °C Pumpellquid: Water Maximul iquid temperature: 20 °C Pensity: 998.2 kg/m ³ Electrical data: Motor type: MS402 Applic. motor: GRUNDFOS Ataled power - P2: 0.75 kW Mains frequency: 50 Hz Ataled ourcent: 2.15.2.30.2 40 A Starting current: 2.15.2.30.2 40 A Starting current: 2.15.2.30.2 40 A Starting current: 2.15.2.30.2 820 726 Passity: 998.2 kg/m ³ Electrical data: Motor type: MS402 Applic. motor: GRUNDFOS Ataled power - P2: 0.75 kW Mains frequency: 50 Hz Ataled voltage: 3 x 380-400-415 V Ataled voltage: 3 x 380-400-415 V Starting current: 2.15.2.30.2 40 A Starting current: 2.15.2.30.2 40 A Starting current: 2.15.2.30.2 80 Motor protec: NONE Thermal protec: external Built-in temp. transmitter: no Motor No: 79192004	Motor version:		10			
Atterials:Pump:Stainless steelPump:EN 1.4301Pump:AISI AISI 304Pump:Stainless steelPump:AISI AISI 304Pump:AISI AISI 304mpeller:EN 1.4301mpeller:EN 1.4301MaterialAISI AISI 304Motor:AISI AISI 304Alotor:DIN WNr. 1.4301Alotor:AISI 304Alotor:AISI 304Alotor:AISI 304Alotor:AISI 304Motor:AISI 304Matinum liquid temperature:4 inchJumped liquid:WaterAax liquid tat 0.15 m/sec:40 °CAax liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:MS402Ayaring current:2.15-2.30-2.40 AAsted ourrent:2.15-2.30-2.40 AStarde power - P2:0.75 kWAlotor goes3 x 380-400-415 VRated voltage:3 x 380-28070 rpmStard power factor:0.75-0.72-0.65Rated speed:2850-2860-2870 rpmstart method:direct-on-lineEnclosure class (IEC 85):BBuilt-in temp. transmitter:noNone:Pi92004						
Tump: Stainless steel Pump: EN 1.4301 Pump: AISI AISI 304 mpeller: Stainless steel mpeller: EN 1.4301 Motor: AISI AISI 304 mpeller: Galander Motor: AISI AISI 304 Motor: DIN WNr. 1.4301 Motor: AISI AISI 304 Motor: DIN WNr. 1.4301 Motor: AISI AISI 304 Motor: DIN WNr. 1.4301 Motor: AISI AISI 304 motori: Rp1 1/4 Motor dameter: 4 inch iguid: Water Maximum liquid temperature: 40 °C Maximum liquid temperature: 20 °C Persity: 998.2 kg/m ³ Electrical data: Motor 200 °C Motor type: MS402 Applic.motor: GRUNDFOS Rated ourent: 2.15-2.302-40 A Starting current: 480-490-480 % Oxo Mizeg: 3 x 380-400-415 V Atated surent: 2.15-2.302-240 A Starting current: 2850-2860-2870 rpm	•			0 1.5 20	2.5 3.0 3.5	Q [m ³ /h]
Pump:EN 1.4301Pump:AISI AISI 304Pumpi:Stainless steelmpeller:EN 1.4301Motor:Stainless steelMotor:DIN WNr. 1.4301Actor:AISI 304Actor:DIN WNr. 1.4301Actor:AISI 304Actor:AISI 304Actor:AISI 304Actor:AISI 304Actor:AISI 304Actor:AISI 304Actor:AISI 304Actor:AISI 304Actor:AISI 304Actor:AISI 304Actor:CPumped liquid:Rp1 1/4Actinguid tat 0.15 m/sec:40 °CAzak liquid tat 0.15 m/sec:40 °CAzak liquid tat 0.15 m/sec:40 °CAzak liquid tat 0.15 m/sec:20 °CDensity:99.2 kg/m³Electrical data:		Stainlass staal				~ [/u]
Pump: AISI AISI 304 mpeller: Stainless steel mpeller: EN 1.4301 Motor: Stainless steel Motor: DIN WNr. 1.4301 Motor: AISI 304 Motor immeter: 4 inch Liquid: Water Maximum liquid temperature: 40 °C Max liquid 1 at 0.15 m/sec: 40 °C Maximum liquid temperature: 20 °C Density: 908.2 kg/m³ Electrical data: Motor type: Motor type: MS402 Splic. motor: GRUNDFOS Rated voltage: 3 x 380-400-415 V Rated voltage: 3 x 380-400-415 V Rated voltage: 3 x 380-400-415 V Splic. notor: 0.75 kW Power (P2) required b	•		[W]			
mpeller: Stainless steel mpeller: EN 1.4301 mpeller: AISI AISI 304 Aktor: Stainless steel Actor: DIN WNr. 1.4301 Actor: AISI 304 Actor: DIN WNr. 1.4301 Actor: AISI 304 Actor: AISI 304 Actor: AISI 304 Motor: AISI 304 Motor: AISI 304 Motor: AISI 304 Motor diameter: 4 inch Liquid: Water Atax liquid tat 0.15 m/sec: 40 °C Aax liquid tat 0.15 m/sec: 40 °C Aax liquid tat 0.15 m/sec: 40 °C Astarting it at 0.15 m/sec: 982.2 kg/m³ Electrical data: Motor type: Motor type: MS402 Applic. To75 kW Power factor: 0.75 kW Power factor: 0.75 kW Power factor: 0.75 kW Starting current: 480-490-480 % Sop hi - power factor: 0.75 cof Rated speed: 2850-2860-2870 rpm	•					
mpeller: EN 1.4301 mpeller: AISI AISI 304 Motor: Stainless steel Motor: DIN WNr. 1.4301 Motor: AISI 304 mstallation: DIN WNr. 1.4301 Motor diameter: A Isi 304 Jump outlet: Rp1 1/4 Motor diameter: 4 inch Jeurid:			1,000 -			
Information and the second and a second			_			
Indextor: National Statules Steel Aktor: DIN WNr. 1.4301 Aktor: AISI 304 ourp outlet: AISI 304 nstallation:			800 -			<u> </u>
Adotor: DIN WNr. 1.4301 Adotor: AISI 304 nstallation:		AISI AISI 304	600			
AIST and another AIST 304 nstallation: Pumpo utilet: Rp1 1/4 Adotor diameter: 4 inch .iquid: Pumped liquid: Water Aaximum liquid temperature: 40 °C Aaxiquid ta 0.15 m/sec: 20 °C Selected liquid temperature: 20 °C Density: 98.2 kg/m³ Electrical data: Motor type: MS402 Applic. motor: GRUNDFOS Rated power - P2: 0.75 kW Power (P2) required by pump: 0.75 kW	Motor:	Stainless steel				
nstallation:	Motor:	DIN WNr. 1.4301	400 -			
nstallation:Pump oulde:Rp1 1/4Pump oulde:4 inchLiquid:WaterPumped liquid:WaterMaximum liquid temperature:40 °CAax liquid ta 0.15 m/sec:40 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:VaterMotor type:0.75 kWApplic. motor:GR UNDFOSRated power - P2:0.75 kWPower (P2) required by pump:0.75 kWPower (P2) required by pump:0.75 kWAated outage:3 x 380-400-415 VRated outage:3 x 380-400-415 VRated outage:2850-2860-2870 rpmStart method:direct-on-lineEnclosure class (IEC 34-5):IP68nsulation class (IEC 45):BMotor note:externalMotor No:79192004	Motor:	AISI 304	200			
Motor diameter:4 inchLiquid:WaterPumped liquid:WaterMaximum liquid temperature:40 °CMax liquid ta 0.15 m/sec:40 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:MS402Motor type:MS402Applic. motor:GRUNDFOSRated power - P2:0.75 kWOwer (P2) required by pump:0.75 kWOwer (P2) required by pump:0.75 kWAated voltage:3 x 380-400-415 VRated voltage:3 x 380-400-415 VRated power factor:0.75-0.72-0.65Rated seed:2850-2860-2870 rpmStarting current:480-490-480 %Cos phi - power factor:0.75-0.72-0.65Rated seed:2850-2860-2870 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 45):BMotor protec:NONEInhermal protec:externalSull-in temp. transmitter:noMotor No:79192004	Installation:		200-			
Motor diameter:4 inchLiquid:WaterPumped liquid:WaterMaximum liquid temperature:40 °CMax liquid ta 0.15 m/sec:40 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:MS402Motor type:MS402Applic. motor:GRUNDFOSRated power - P2:0.75 kWOwer (P2) required by pump:0.75 kWOwer (P2) required by pump:0.75 kWAated voltage:3 x 380-400-415 VRated voltage:3 x 380-400-415 VRated power factor:0.75-0.72-0.65Rated seed:2850-2860-2870 rpmStarting current:480-490-480 %Cos phi - power factor:0.75-0.72-0.65Rated seed:2850-2860-2870 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 45):BMotor protec:NONEInhermal protec:externalSull-in temp. transmitter:noMotor No:79192004	Pump outlet:	Rp1 1/4	0			
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Pumped liquid:WaterMaximum liquid temperature:40 °CMax liquid t at 0.15 m/sec:40 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:	Liquid:					
Maximum liquid temperature:40 °CMax liquid t at 0.15 m/sec:40 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:		Water				
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Selected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:						
Density:998.2 kg/m³Electrical data:Motor type:MS402Applic. motor:GRUNDFOSRated power - P2:0.75 kWPower (P2) required by pump:0.75 kWPower (P2) required by pump:0.75 kWRated voltage:3 x 380-400-415 VRated voltage:3 x 380-400-415 VRated current:2.15-2.30-2.40 AStarting current:480-490-480 %Cos phi - power factor:0.75-0.72-0.65Rated speed:2850-2860-2870 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68nsulation class (IEC 85):BMotor protec:NONEChermal protec:externalBuilt-in temp. transmitter:noMotor No:79192004	•					
Electrical data:Motor type:MS402Applic. motor:GRUNDFOSRated power - P2:0.75 kWPower (P2) required by pump:0.75 kWMains frequency:50 HzRated voltage:3 x 380-400-415 VRated current:2.15-2.30-2.40 AStarting current:480-490-480 %Cos phi - power factor:0.75 o.72-0.65Rated speed:2850-2860-2870 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68msulation class (IEC 85):BMotor protec:NONEThermal protec:externalBuilt-in temp. transmitter:noMotor No:79192004						
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Starting current:480-490-480 %Cos phi - power factor:0.75-0.72-0.65Rated speed:2850-2860-2870 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68nsulation class (IEC 85):BMotor protec:NONEChermal protec:externalBuilt-in temp. transmitter:noMotor No:79192004						
Cos phi - power factor:0.75-0.72-0.65Rated speed:2850-2860-2870 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68nsulation class (IEC 85):BMotor protec:NONEChermal protec:externalBuilt-in temp. transmitter:noMotor No:79192004	Rated current:	2.15-2.30-2.40 A				
Rated speed:2850-2860-2870 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):BMotor protec:NONEChermal protec:externalBuilt-in temp. transmitter:noMotor No:79192004	Starting current:	480-490-480 %				
Rated speed:2850-2860-2870 rpmStart. method:direct-on-lineEnclosure class (IEC 34-5):IP68Insulation class (IEC 85):BMotor protec:NONEChermal protec:externalBuilt-in temp. transmitter:noMotor No:79192004	Cos phi - power factor:	0.75-0.72-0.65				
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Motor protec:NONEThermal protec:externalBuilt-in temp. transmitter:noMotor No:79192004						
Thermal protec:externalBuilt-in temp. transmitter:noMotor No:79192004						
Built-in temp. transmitter:noMotor No:79192004						
Motor No: 79192004						
	Motor No: Others:	79192004				
	Minimum efficiency index, MEI ≥:	0.70				

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Company name: Created by: Phone:

GRUNDFUS			
		Date:	19/01/2021
Description	Value		
ErP status:	EuP Standalone/Prod.	-	
Net weight:	12.4 kg		
Gross weight:	13.8 kg		
Shipping volume:	16.3 m³		
Danish VVS No.:	388313120		
Swedish RSK No.:	5852979		
Finnish LVI No.:	4762652		
Norwegian NRF no.:	9040853		

