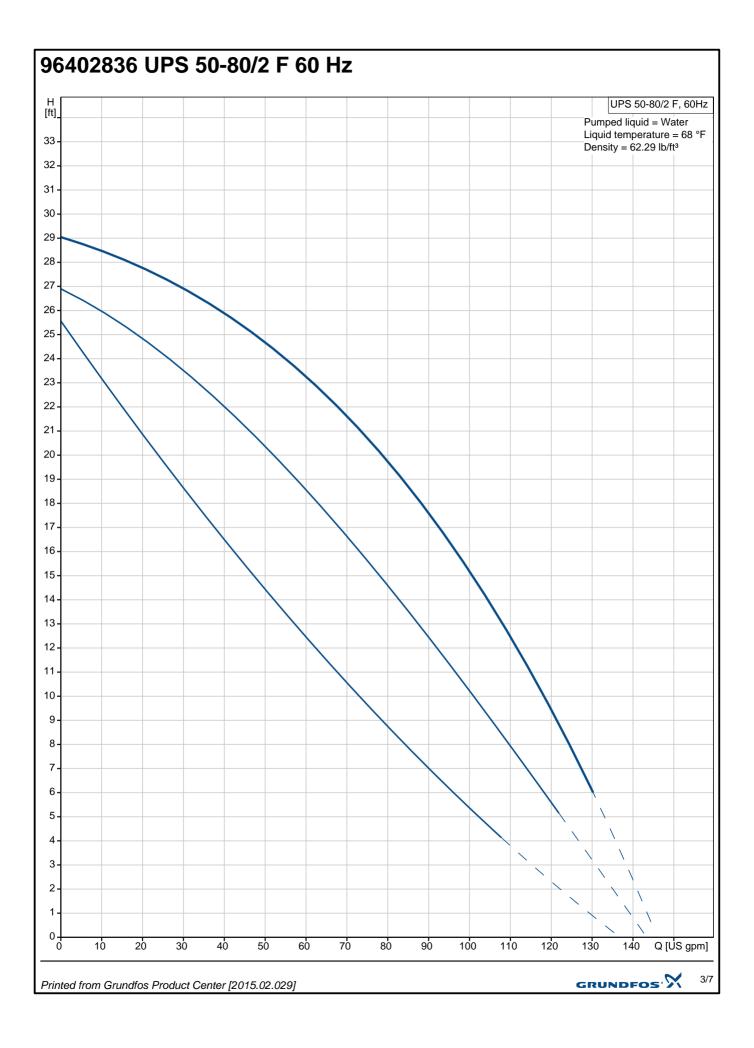
Position	Count	Description				
	1	UPS 50-80/2 F				
		Product No.: 96402836 The pump is of the canned rotor		t		
		and motor form an integral unit v seal and with only two gaskets for The bearings are lubricatd by the	or sealing.			
		In order to avoid problems in connection with disposal, great importance has been attached to using as few different materials as possible.				
		The pump is characterized by: * 3 speed motor. * Ceramic radial bearings. * Carbon axial bearing. * Stainless steel rotor can, bearing plate and rotor cladding. * Aluminium alloy stator housing. * Cast iron pump housing. * Stator with built-in thermal switch.				
		The motor is a 1-phase motor.				
		The pump is supplied with a standard module in the terminal box. The standard module is to be connected to the mains supply via external contactor.				
		Controls:				
		Relay:	with relay			
		Liquid: Liquid temperature range:	14 248 °F			
		Technical: Approvals on nameplate:	CUL			
		Materials:				
		Pump housing:	Cast iron EN-JL1040 ASTM 35 B - 40 B			
		Impeller:	Stainless steel DIN WNr. 1.4301 AISI 304			
		Installation: Range of ambient temperature:	32 104 °F			
Printed from	Grundfo	s Product Center [2015.02.029]			1/7	

Position	Count	Description	
		Maximum operating pressure:	145 psi
		Flange standard:	USA
		Type of connection:	F
		Pipe connection:	GF 50
		Pressure stage:	145 psi
		Port-to-port length:	11 1/2 in
		Electrical data:	
		Number of poles:	2
		C run:	16 μF
		Power input in speed 1:	600 W
		Power input in speed 2: Max. power input:	610 W 630 W
		Main frequency:	60 Hz
		Rated voltage:	1 x 230 V
		Current in speed 1:	2.9 A
		Current in speed 2:	2.85 A
		Current in speed 3:	2.95 A
		Cos phi in speed 1:	0,9
		Cos phi in speed 2:	0,93
		Cos phi:	0,94
		Capacitor size - run:	16 μF/400 V
		Enclosure class (IEC 34-5):	X4D
		Insulation class (IEC 85):	Н
		011	
		Others:	
		Net weight: Gross weight:	48.7 lb 54.2 lb
		Shipping volume:	2.08 ft ³
		Shipping Volume.	2.00 11
Drintod from	Grundfos	s Product Center [2015.02.029]	GRUNDFOS 2/
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General information: UPS 50-80/2 F Position name: 0.402330 Position name: 0.402330 Forkin: 5700390683276 Free: 0.01 request Space/ Number: 2.8.2 ft Approximation: 2.8.2 ft Approximation: 2.8.2 ft Materials: Pump housing: ENVICE 2.0.1 ft Materials: Pump housing: Cast iron ASTM 35 B-40 B Impelier: Statifies stell Din Working: Cast iron Range of ambient temperature: 3.2.104 °F Range of ambient temperature: 3.2.104 °F Pipe connection: F F Prosure stage: 145 pai Uriquid temperature range: 14 248 °F Electrical state: Number of poles: Carvent in speed 1: 0.93 Corpoint in speed 1: 0.93 Corpoint speed 1: 0.93 <tr< th=""><th>Description</th><th>Value</th><th>H UPS 50-80/2 F, 60Hz</th></tr<>	Description	Value	H UPS 50-80/2 F, 60Hz
Product name: Probation Pro	Open and in the still		
Position Product No: $9640/236$ EAN: $570/390683276$ On request Technical: 3 Speed Mumber: 3 Speed Mumber: 3 Speed Mumber: 3 Speed Mumber: 3 Speed Mumber: 3 Association Complete: CUL Model: C Materials: Pump housing: Cast from ENULT040 Main fragmentation: Respective Stations steel DIN W-N-N1.4301 ASIS 304 Association: 353.44 Main more controls: $5F$ Pre- connection: FF Pre- co			30 - Density = 62.29 lb/ft ³
Product No.: 996-02236 EN: 5700390083278 Price: On request Technical: Speed Number: 2.3 Head max: 26.2 ft Approvals on maneplate: CUL Number: Number: CUL Number: Submitter: Statistics Number: CUL Number: CUL Number: CUL Number: Submitter: Statistics Number: CUL Number: CUL Number: Submitter: Statistics Number: CUL Number: Submitter: Statistics Number: Submitter: Statistics Numbe		UPS 50-80/2 F	28
EAN: Frechricat: Technicat: Technicat: Technicat: Speed Number: 3 2. 104 Approvals on nameplate: CUL Miderials: Pomp housing: EAN: Approvals on nameplate: CUL Miderials: Pomp housing: EAN: Approvals on nameplate: CUL Miderials: Pomp housing: EAN: Approvals on nameplate: CUL Miderials: Pomp housing: EAN: ASTM 35 8-40 B Installation: Range of ambient temperature: 32104 °F Maximum operating pressure: 145 psi Finange standard: DIN WNr. 14.301 AISI 30.4 Installation: Range of ambient temperature: 32104 °F Maximum operating pressure: 145 psi Finange standard: DIN WNr. 14.301 AISI 30.4 Installation: Range of ambient temperature: 20			26
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			24
The operation of the second s			
Technical: Speed Number: Bade max: Approvals on nameplate: CUL Mode:Materials: Pump housing: EN-UL1040 ASTM 35 B - 40 B Immelier: DIN W-N-1.4301 ALSI 30410Immelier: Balainiess steel DIN W-N-1.4301 ALSI 30410Installation: Range of ambient temperature: Pressure stage: Persure stage: Pressure stage: Prover input in speed 1: Current in speed 1: Current in speed 2: Current in speed 1: Current in speed 2: Current in speed 1: Current in speed 1: Current in speed 2: Current in speed 1: Current in	Price:	On request	
Speed Number: Bade max Approvals on nameplate: CUL Materials: Pump housing: Cast iron Materials: Pump housing: Cast iron AST M 35 B - 40 B impeller: DIN W -Nr. 1.400 AST M 35 B - 40 B impeller: DIN W -Nr. 1.400 AST M 35 B - 40 B impeller: DIN W -Nr. 1.400 AST M 35 B - 40 B impeller: DIN W -Nr. 1.400 AST M 35 B - 40 B impeller: DIN W -Nr. 1.400 AST M 35 B - 40 B impeller: DIN W -Nr. 1.400 AST M 35 B - 40 B impeller: DIN W -Nr. 1.400 AST M 35 B - 40 B impeller: DIN W -Nr. 1.400 AST M 35 B - 40 B impeller: DIN W -Nr. 1.400 F Proge standard: F Prepare standard: Presure stage: Part-b-pont length: Liquid:	Technical		20-
Head max:26.2 ftApprovals on nameplate:CULModei:CMaterials:CPump housing:Cast ironEN-JL1040ASTM 35 F-40 BASTM 35 F-40 BASTM 35 F-40 BImpeller:Stainless steelDINW-Nr.1301On Metrials:Installation:Range of ambient temperature:Range of ambient temperature:32104 "FHange standard:USAType of connection:F 50Presure stage:14 5 polPresure stage:14 5 polPower input in speed 1:600 WPower input:630 VMain frequency:60 HzAtted voltage:1 x 20 VCurrent in speed 1:0.94Cos phi in speed 2:0.93Cos phi in speed 1:0.94Rate:8.3 : 10.8 ohmR at:8.3 : 10.8 ohmR at:8.3 : 10.8 ohmR at:8.3 : 10.8 ohmR at:8.2 :Controls:Reizy:Reizy:with relayPois steepint:6.4 2 bShipping volume:2.06 H9Sales region:Nammeg		2	
ApprovalueCULMaterials: Pump housing:CCast iron ASTM 35 B - 40 BImpeller:Stainless steel DIN WNr. 1.4301 ASI 304Installation: Range of ambient temperature: Maximum operature in pressure: Type of connection: FPessure stage: Port-o-port length:Installation: Curve: Deveringuit in speed 1: Corport lenget 1: Corport in speed			
Proposition to the method of the second sec			
Materials: Pump housing:Cast iron EN_L1040 ASTM 35 B - 40 B Stainless steel DIN W-Nr. 1.4301 AISI 304Impeller: Constraint steel DIN W-Nr. 1.4301 AISI 304Installation: Range of ambient temperature: Tip of connection: Pressure stage: Prot-boord length: Liquid temperature range: Liquid			
Materials:Pump housing:Cast ironENJL1040ASTM 35 B - 40 BImpeller:Stainless steelDIW.V-Nr.14301AISI 304Installation:AISI 304Installation:S2104 "FMaximum operating pressure:145 psiPinge standard:USAType of connection:FPipe connection:FPipe connection:G 50Pressure stage:145 psiDert-to-port length:11 1/2 inLiquid:Liquid temperature range:14248 "FLiquid temperature range:1094 </td <td>Model:</td> <td>L</td> <td></td>	Model:	L	
Pump housing:Cast iron EN.L1040 ASTM 35 B + 40 B Stainless steel a distant temperature: $a STM 35 B + 40 B$ Stainless steel a distant distant temperature: $a S L + 40 B$ distant distant distan	Matariala		10
EN-LI 1040 ASTM 35 B - 40 Bimpeller:Stainless steel DIN W-Nr. 1.4301 AISI 304Installation:Impeller:Range of ambient temperature:32104 °FMaxmum operating pressure:145 psiPlange standard:USA Type of connection:Fpe connection:FPressure stage:145 psiPort-to-port length:11 1/2 inLiquid:Liquid temperature:Liquid temperature range:14248 °FElectrical data:Number of poles:C run:16 µFPower input in speed 1:600 WPower input in speed 1:600 WCorrent in speed 1:0.9Cos phi in speed 1:0.94Cos phi in speed 1:0.94Cos phi in speed 1:0.94Conces ton:CONTACTThermal protec:internalInstallatoria:1.00 · MNator protection:CONTACTThermal protec:internalR al:2.2 · 2.9 ohmR al:2.2 · 2.1bShipping volume:2.06 H2Shipping volume:2.06 H2Sales region:N amreg		Castiran	8
$\begin{array}{c c c c c c c } & \text{ASTM 35 B - 40 B} \\ \text{ARTM 35 B - 40 B} \\ \text{ASTM 35 B - 40 B} \\ $	Pump housing.		
Impeller:Stainless steelDINW-Nr.1.4301AISI 304Installation:Range of ambite temperature:32, 104 °FMaximum operating pressure:145 psiFange standard:USAType of connection:F pe connection:G F 50Pressure stage:144. 248 °FElectrical data:Liquid temperature range:Liquid temperature range:14. 248 °FElectrical data:Number of poles:2C run:16 µFPower input in speed 1:600 WPower input in speed 1:600 WPower input in speed 1:600 WCourrent in speed 1:0.92Cos phin speed 1:0.93Cos phin speed 1:0.94Capacitoriz iza- run:16 µF/400 VEnclosure cisk (IEC 34-5):Mator protection:Controls:Rat:Rat:Rat:Rat:2.5 0: 5 - 6:5 ohmControls:Relay:with relayPos term box:1: 30HOthers:Net weight:43.7 IbGross weight:5.2 0.8 fteShipping volume:2.08 fteSales region:Namreg			
DIN W-Nr. 14301 AISI 304Instillation: Range of ambient temperature: Brange standard: USAType of connection: Persure stage: Port-to-port length:Liquid: Liquid temperature range: Liquid temperature range: Liquid temperature range: 14 . 248 °FElectrical data: Number of poles: Power input in speed 1: Corrent in speed 1: Corrent in speed 1: Cos phil in speed 2: Cos phil in speed 1: Cos phil in speed 1: Contract: R s1: R s2: Cos phil in speed 1: Contract: R s1: R s2: Cos phil in speed 1: CONTACT Thermal protection: R s2: Cos phil in speed 1: CONTACT Thermal protection: R s2: Cos phil in speed 1: CONTACT Thermal protection: R s2: Cos phil speed 1: CONTACT Thermal protection: Contract: R s2: Cos phil speed 1: Contract: R s2: Cos phil speed 1: CONTACT Thermal protection: Contract: R s2: Cos phil speed 2: Cos phil speed 3: Contract: R s2: Contract: R s2: Cos phil speed 3: Contract R s2: Contract: R s2: Contract Sub protection: Contract Sub protection: Contract Contract<	Impeller		
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Installation:Range of ambient temperature: $32 104 "F$ Maximum operating pressure:145 psiFlange standard:USAType of connection:FPipe connection:GF 50Pressure stage:145 psiPort-opnt length:11 1/2 inLiquid:Liquid temperature range:Liquid:16 µFPower input:600 WPower input:600 WPower input:630 WMain frequency:60 HzRated voltage:1 2.9 ACurrent in speed 1:2.9 ACurrent in speed 2:0.93Cos phi in speed 1:0.94Capselor size - run:16 µF/400 VEnclosure class (IEC 34-5):X4DInsulation class (IEC 35):HMotor protection:CONTACTThermal protec:internalR at:8.3 - 10.8 dnmR s2:5.05 - 6.65 ohmConrols:Relay:Relay:with relayPos term box:1.30HOthers:NNet weight:48.7 lbGross weight:5.42.2 bShipping volume:2.08 fl ³ Shipping volume:2.08 fl ³ <td></td> <td>AISI 304</td> <td>0 20 40 60 80 100 120 Q [US gpm]</td>		AISI 304	0 20 40 60 80 100 120 Q [US gpm]
Range of ambient temperature: 32. 104 °F Maximum operating pressure: 145 psi Finge standard: USA Type of connection: F Ppe connection: GF 50 Pressure stage: 145 psi Prot-to-port length: 11 11/2 in Liquid: Liquid temperature range: 14. 248 °F Electrical dat: Number of poles: 2 Crun: 16 μ F Power input in speed 1: 600 W Power input in speed 1: 600 W Max. power input: 630 W Main frequency: 60 Hz Rated voltage: 1 x 230 V Current in speed 1: 2.9 A Current in speed 1: 2.9 A Current in speed 1: 0.9 Cos phi in speed 1: 0.9 Cos phi in speed 2: 0.93 Cos phi in speed 1: 0.9 Cos phi in speed 2: 0.93 Cos phi in speed 2: 0.93 Cos phi in speed 1: 2.9 A Current in speed 1: 0.9 Cos phi in speed 2: 0.93 Cos phi in speed 2: 0.93 Cos phi in speed 1: 0.9 Cos phi in speed 1: 0.9 Cos phi in speed 1: 0.9 Rate: 8.3 - 10.8 ohm R at: 8.3 - 10	Installation		4 <u>5 3/8"</u> <u>12 1/2"</u> <u>5 1/4"</u>
Maximum operating pressure: 145 psi Finge standard: USA Type of connection: F Pre connection: GF 50 Pressure stage: 145 psi Port-to-port length: 11 1/2 in Liquid		22 424 25	5 9/16
Flange standard: USA Type of connection: F Pipe connection: GF 50 Pressure stage: 145 psi Prot-to-port length: 11 1/2 in Liquid: Liquid temperature range: 14248 °F Electrical data: Number of poles: 2 C run: 16 μ F Power input in speed 1: 600 W Power input in speed 1: 610 W Max. power input: 630 W Main frequency: 60 Hz Rated voltage: 1 x 230 V Current in speed 1: 2.9 A Current in speed 1: 2.9 A Current in speed 1: 0.9 Cos phi in speed 2: 0.93 Cos phi in speed 2: 0.93 Cos phi in speed 1: 0.9 Cos phi in speed 1: 0.9 Cos phi in speed 1: 0.9 R az: 2.505 - 6.65 ohm R az: 2.2 2.9 ohm R az: 2.2 2.9 ohm R az: 2.2 5.05 - 6.65 ohm Controls: Relay: with relay Pos term box: 1.30H Ohres: Net weight: 48.7 lb Gross weight: 54.2 b Shipping volume: 2.06 ft ³ Shipping volume: 2.			
Type of connection:FImage: Control of the second se			
Price connection: GF 50 Presure stage: 145 psi Prot-to-port length: 11 1/2 in Liquid International State St			
Pressure stage: 145 psi Port-to-port length: 11 1/2 in Liquid: 11 1/2 in Liquid temperature range: 14 248 °F Electrical data:			
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Liquid:Liquid temperature range: $14 248$ °FElectrical data:Number of poles:2C run:16 µFPower input in speed 1:600 WPower input:630 WMax, power input:630 WMax, power input:630 WCurrent in speed 2:2.85 ACurrent in speed 1:2.95 ACorrent in speed 1:0.9Cos phi in speed 1:0.94Capacitor size - run:16 µF/A00 VEnclosure class (IEC 35):HMotor protection:CONTACTThermal protec:internalR at:8.3 - 10.8 ohmR s1:2.2 - 2.9 ohmR s2:5.05 - 6.65 ohmControls:Relay:Relay:with relayPos term box:1.30HOthers:Net weight:Net weight:54.2 lbShipping volume:2.08 ft ³ Sales region:Namreg			
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Liquid temperature range: 14 248 °F Electrical data: Number of poles: 2 Crun: 16 µF Power input in speed 1: 600 W Power input in speed 2: 610 W Main frequency: 60 Hz Rated voltage: 1 x 230 V Current in speed 1: 2.9 A Current in speed 1: 2.9 A Current in speed 1: 0.9 Cos phi in speed 2: 0.93 Cos phi Enclosure class (IEC 34-5): X4D Insulation class (IEC 85): H Motor protection: CONTACT Thermal protec: internal R at: 8.3 - 10.8 ohm R s1: 2.2 - 2.9 ohm R s2: 5.05 - 6.65 ohm Controls: Relay: with relay Pos term box: 1.30H Others: Net weight: 48.7 lb Gross weight: 54.2 lb Shipping volume: 2.08 ft ³ Sales region: Namreg			
Electrical data: Number of poles: 2 C run: 16 µF Power input in speed 1: 600 W Power input: 630 W Main frequency: 60 Hz Rated voltage: 1 x 230 V Current in speed 1: 2.9 A Current in speed 1: 0.9 Cos phi in speed 1: 0.9 Cos phi in speed 1: 0.9 Cos phi in speed 2: 0.83 Cos phi in speed 2: 0.93 Motor protection: CONTACT Thermal protec: internal R at: 8.3 - 10.8 ohm R s1: 2.2 - 2.9 ohm R s2: 5.05 - 6.65 ohm Controls: Relay: Relay: with relay Pos term box: 1.30H Others: 2.08 ft ³ Sales region: <t< td=""><td></td><td>4.4 0.40 05</td><td></td></t<>		4.4 0.40 05	
Number of poles: 2 C run: 16 µF Power input in speed 1: 600 W Max. power input: 630 W Main frequency: 600 Hz Rated voltage: 1 x 230 V Current in speed 1: 2.9 A Current in speed 1: 2.9 A Current in speed 1: 0.9 Cos phi in speed 1: 0.94 Capacitor size - run: 16 µF/400 V Enclosure class (IEC 34-5): X4D Insulation class (IEC 34-5): H Motor protection: CONTACT Thermal protec: internal R a: 8.3 - 10.8 ohm R s1: 2.2 - 2.9 ohm R s2: 5.05 - 6.65 ohm Cottrols:	Liquid temperature range:	14 248 °F	
Number of poles: 2 C run: 16 µF Power input in speed 1: 600 W Max. power input: 630 W Main frequency: 600 Hz Rated voltage: 1 x 230 V Current in speed 1: 2.9 A Current in speed 1: 2.9 A Current in speed 1: 0.9 Cos phi in speed 1: 0.94 Capacitor size - run: 16 µF/400 V Enclosure class (IEC 34-5): X4D Insulation class (IEC 34-5): H Motor protection: CONTACT Thermal protec: internal R a: 8.3 - 10.8 ohm R s1: 2.2 - 2.9 ohm R s2: 5.05 - 6.65 ohm Cottrols:	Electrical data:		
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Power input in speed 1: 600 W Power input in speed 2: 610 W Max. power input: 630 W Main frequency: 60 Hz Rated voltage: 1 x 230 V Current in speed 1: 2.9 A Current in speed 1: 0.9 Cos phi in speed 1: 0.9 Cos phi in speed 1: 0.94 Capacitor size - run: 16 µF/400 V Enclosure class (IEC 34-5): X4D Insulation class (IEC 85): H Motor protection: CONTACT Thermal protec: internal R a: 8.3 - 10.8 ohm R s1: 2.2 - 2.9 ohm R s2: 5.05 - 6.65 ohm Controls: Relay: with relay Pos term box: 1.30H Others: Net weight: 48.7 lb Shipping volume: 2.08 ft ³ Sales region: Namreg			
Power input 630 W Max. power input: 630 W Main frequency: 60 Hz Rated voltage: 1 x 230 V Current in speed 1: 2.9 A Current in speed 3: 2.95 A Cos phi in speed 1: 0.9 Cos phi in speed 1: 0.94 Capacitor size - run: 16 µF/400 V Enclosure class (IEC 84-5): X4D Insulation class (IEC 85): H Motor protection: CONTACT Thermal protec: internal R a: 8.3 - 10.8 ohm R s2: 5.05 - 6.65 ohm Controls: Relay: Relay: with relay Pos term box: 1.30H Others: 2.08 ft ³ Sales region: Nameg			
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Main frequency: 60 Hz Rated voltage: 1 x 230 V Current in speed 1: 2.9 A Current in speed 2: 2.85 A Cos phi in speed 1: 0,9 Cos phi in speed 2: 0.93 Cos phi in speed 2: 0.94 Capacitor size - run: 16 µF/400 V Enclosure class (IEC 85): H Motor protection: CONTACT Thermal protec: internal Ra: 8.3 - 10.8 ohm R a: 8.3 - 10.8 ohm R s1: 2.2 - 2.9 ohm R s2: 5.05 - 6.65 ohm Controls: Controls: Relay: with relay Pos term box: 1.30H Others: 2.08 ft ⁹ Sales region: Namreg			
Rated voltage: $1 \times 230 \text{ V}$ Current in speed 1: 2.9 A Current in speed 3: 2.95 A Corrent in speed 3: 2.95 A Cos phi in speed 1: 0.9 Cos phi in speed 2: 0.93 Cos phi: 0.94 Capacitor size - run: $16 \mu F/400 \text{ V}$ Enclosure class (IEC 34-5):X4DInsulation class (IEC 85):HMotor protection:CONTACTThermal protec:internalR a: $8.3 \cdot 10.8 \text{ ohm}$ R s1: $2.2 \cdot 2.9 \text{ ohm}$ R s2: $5.05 \cdot 6.65 \text{ ohm}$ Controls:Relay:Relay:with relayPos term box: $1.30H$ Others: 48.7 lb Net weight: 54.2 lb Shipping volume: 2.08 ft^3 Sales region:Namreg			
Current in speed 1: 2.9 A Current in speed 2: 2.85 A Current in speed 3: 2.95 A Cos phi in speed 1: 0,9 Cos phi in speed 2: 0,93 Cos phi in speed 2: 0,94 Capacitor size - run: 16 µF/400 V Enclosure class (IEC 34-5): X4D Insulation class (IEC 85): H Motor protection: CONTACT Thermal protec: internal R a: 8.3 - 10.8 ohm R s1: 2.2 - 2.9 ohm R s2: 5.05 - 6.65 ohm Controls: Relay: With relay Pos term box: 1.30H Others: 2.08 tl ³ Sales region: Namreg			
Current in speed 2: 2.85 A Current in speed 3: 2.95 A Cos phi in speed 1: 0,9 Cos phi in speed 2: 0,93 Cos phi: 0,94 Capacitor size - run: 16 µF/400 V Enclosure class (IEC 34-5): X4D Insulation class (IEC 85): H Motor protection: CONTACT Thermal protec: internal R a: 8.3 - 10.8 ohm R s1: 2.2 - 2.9 ohm R s2: 5.05 - 6.65 ohm Controls: Relay: with relay Pos term box: 1.30H Others: Net weight: 48.7 lb Gross weight: 54.2 lb Shipping volume: 2.08 ft ³ Sales region: Namreg			
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