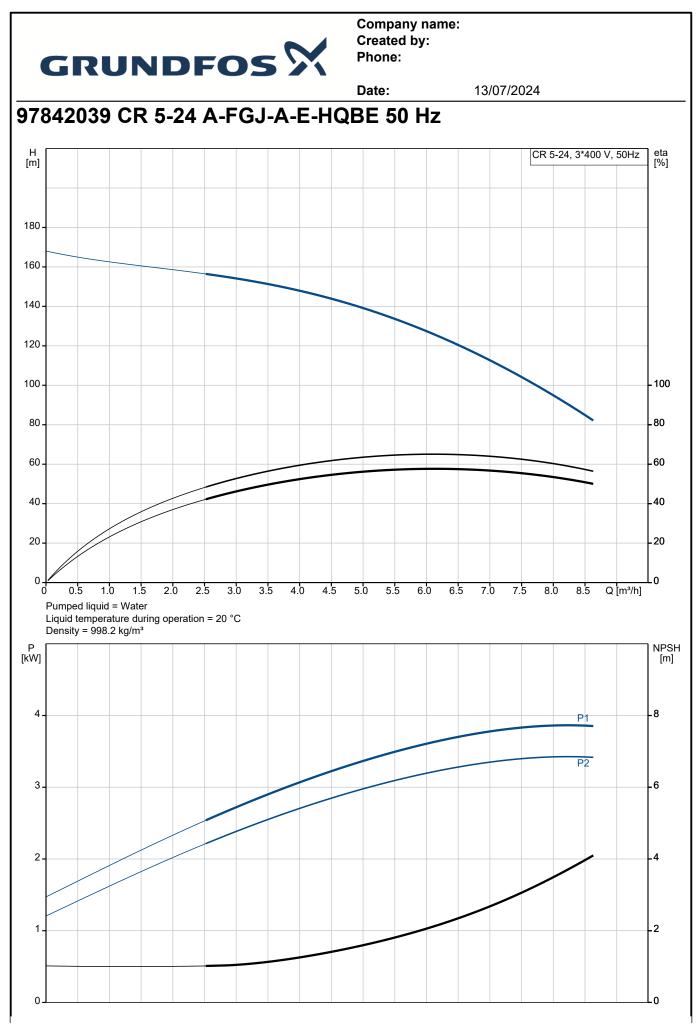
	GRUNDFO	<b>5</b> 5	Company na Created by: Phone:	ame:			
			Date:	13/07/2024			
Qty.	Description						
1	CR 5-24 A-FGJ-A-E-HQBE						
	Product No.: 97842039	Note! Product picture	e may differ from act	ual product			
	Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via combined DIN-ANSI-JIS flanges.						
	The pump is fitted with a 3-phase, fan-cooled asynchronous motor.						
	Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:	Water 0 120 °C 20 °C 998.2 kg/m³					
	Technical: Pump speed on which pump data Rated flow: Rated head: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals: Approvals for drinking water: Curve tolerance:	a are based: 2917 r 5.8 m³/h 125.5 m Vertical Single HQBE CE,EAC,UKCA,SEF WRAS ISO9906:2012 3B					
	Materials:	1000000.2012 00					
	Base:	Cast iron EN 1561 EN-GJL-20 ASTM A48-25B	00				
	Impeller:	Stainless steel EN 1.4301 AISI 304					
	Bearing:	SIC					
	Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp:	25 bar 25 bar / 120 °C 25 bar / 0 °C					
	Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for connection: Flange rating inlet:	DIN / ANSI / JIS DN 25/32 DN 25/32 PN 25 250 lb					
	Flange size for motor:	FT130					



Company name: Created by: Phone:

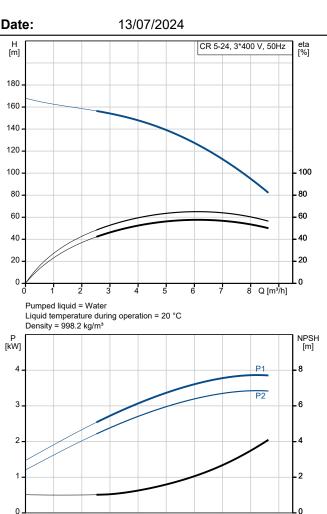
Description     Electrical data:     Motor standard:   IEC     Motor type:   112MC     Rated power /P2:   4 kW     Power (P2) required by pump:   4 kW     Power (P2) required by pump:   4 kW     Rated outage:   3 x 380-415D V     Rated starting current:   1000-1110 %     Cos phi-power factor:   0.87     Rated speed:   2920-2940 rpm     IE Efficiency at 3/4 load:   88.6-88 2 %     Motor efficiency at 1/2 load:   85.2-88.1 %     Number of poles:   2     Enclosure class (IEC 34-5):   55 Dust/Jetting     Insulation class (IEC 85):   F     Motor Micro moder Micro   6     Others:   6     Terminal box position:   6     Minimum efficiency index, MEI ≥:   0.57     Net weight:   72.4 kg     Gross weight:   72.4 kg     Shipping volume:   0.148 m <sup>3</sup>			Date:	13/07/2024	
Motor standard:IECMotor type:112MCRated power - P2:4 kWPower (P2) required by pump:4 kWMains frequency:50 HzRated voltage:3 x 380-415D VRated voltage:7.9 AStarting current:1000-1110 %Cos phi - power factor:0.87Rated speed:2920-2940 rpmIE Efficiency class:IE3Motor efficiency at full load:88.6-88.2 %Motor efficiency at 3/4 load:88.6-88.2 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 35):FMotor No:85U15413Controls:FFrequency converter:NoneOthers:-Terminal box position:6Minimum efficiency index, MEI $\ge$ 0.57Net weight:67.4 kgGross weight:72.1 kg	Description				
Motor type:112MCRated power - P2:4 kWPower (P2) required by pump:4 kWMains frequency:50 HzRated voltage:3 x 380-415D VRated current:7.9 AStarting current:1000-1110 %Cos phi - power factor:0.87Rated speed:2920-2940 rpmIE Efficiency class:IE3Motor efficiency at full load:88.6-88.2 %Motor efficiency at 3/4 load:88.6-88.2 %Motor No:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor No:85U15413Controls:FFrequency converter:NoneOthers:0.57Net weight:6Minimum efficiency index, MEI ≥:0.57Net weight:67.4 kgGross weight:72.1 kg	Electrical data:				
Motor type:112MCRated power - P2:4 kWPower (P2) required by pump:4 kWMains frequency:50 HzRated voltage:3 x 380-415D VRated current:7.9 AStarting current:1000-1110 %Cos phi - power factor:0.87Rated speed:2920-2940 rpmIE Efficiency class:IE3Motor efficiency at full load:88.6-88.2 %Motor efficiency at 3/4 load:88.6-88.2 %Motor No:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor No:85U15413Controls:FFrequency converter:NoneOthers:0.57Net weight:6Minimum efficiency index, MEI ≥:0.57Net weight:67.4 kgGross weight:72.1 kg		IEC			
Rated power - P2:4 kWPower (P2) required by pump:4 kWMains frequency:50 HzRated voltage:3 x 380-415D VRated voltage:7.9 AStarting current:1000-1110 %Cos phi - power factor:0.87Rated speed:2920-2940 rpmIE Efficiency class:IE3Motor efficiency at Jul load:88.1 %Motor efficiency at Jul load:85.2-88.1 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor No:85U15413Controls:FFrequency converter:NoneOthers:0.57Net weight:6Minimum efficiency index, MEI ≥:0.57Net weight:67.4 kgGross weight:72.1 kg					
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Mains frequency:50 HzRated voltage: $3 \times 380-415D$ VRated current: $7.9$ AStarting current: $1000-1110$ %Cos phi - power factor: $0.87$ Rated speed: $2920-2940$ rpmIE Efficiency class:IE3Motor efficiency at full load: $88.1$ %Motor efficiency at $3/4$ load: $86-682.2$ %Motor efficiency at $1/2$ load: $85.2-88.1$ %Number of poles: $2$ Enclosure class (IEC 34-5): $55$ Dust/JettingInsulation class (IEC 35):FMotor No: $85U15413$ Controls:FFrequency converter:NoneOthers: $6$ Terminal box position: $6$ Minimum efficiency index, MEI ≥: $0.57$ Net weight: $67.4$ kgGross weight: $72.1$ kg					
Rated voltage: $3 \times 380-415D$ VRated current: $7.9$ AStarting current: $1000-1110$ %Cos phi - power factor: $0.87$ Rated speed: $2920-2940$ rpmIE Efficiency class:IE3Motor efficiency at full load: $88.1$ %Motor efficiency at $3/4$ load: $88.6-88.2$ %Motor efficiency at $3/4$ load: $85.2-88.1$ %Number of poles: $2$ Enclosure class (IEC 34-5): $55$ Dust/JettingInsulation class (IEC 35):FMotor No: $85U15413$ Controls:FFrequency converter:NoneOthers: $0.57$ Net weight: $6$ Minimum efficiency index, MEI $\geq$ : $0.57$ Net weight: $67.4$ kgGross weight: $72.1$ kg	Power (P2) required by pump:				
Rated current:7.9 AStarting current:1000-1110 %Cos phi - power factor:0.87Rated speed:2920-2940 rpmIE Efficiency class:IE3Motor efficiency at full load:88.1 %Motor efficiency at 3/4 load:88.6-88.2 %Motor efficiency at 1/2 load:85.2-88.1 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor No:85U15413Controls:FFrequency converter:NoneOthers:0.57Net weight:6.7.4 kgGross weight:72.1 kg					
Starting current:1000-1110 %Cos phi - power factor: $0.87$ Rated speed:2920-2940 rpmIE Efficiency class:IE3Motor efficiency at full load: $88.1 \%$ Motor efficiency at 3/4 load: $88.6-88.2 \%$ Motor efficiency at 1/2 load: $85.2-88.1 \%$ Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor No: $85U15413$ Controls:FFrequency converter:NoneOthers:0.57Net weight: $67.4 \text{ kg}$ Gross weight: $72.1 \text{ kg}$					
Cos phi - power factor: $0.87$ Rated speed: $2920-2940$ rpmIE Efficiency class:IE3Motor efficiency at full load: $88.1 \%$ Motor efficiency at $3/4$ load: $88.6-88.2 \%$ Motor efficiency at $1/2$ load: $85.2-88.1 \%$ Number of poles: $2$ Enclosure class (IEC 34-5): $55$ Dust/JettingInsulation class (IEC 85):FMotor No: $85U15413$ Controls:FFrequency converter:NoneOthers: $6$ Terminal box position: $6$ Minimum efficiency index, MEI $\geq$ : $0.57$ Net weight: $67.4 \text{ kg}$ Gross weight: $72.1 \text{ kg}$	Rated current:	7.9 A			
Rated speed:2920-2940 rpmIE Efficiency class:IE3Motor efficiency at full load:88.1 %Motor efficiency at 3/4 load:88.6-88.2 %Motor efficiency at 1/2 load:85.2-88.1 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor No:85U15413Others: Terminal box position:6Minimum efficiency index, MEI ≥:0.57Net weight:67.4 kgGross weight:72.1 kg	Starting current:	1000-1110 %			
Rated speed:2920-2940 rpmIE Efficiency class:IE3Motor efficiency at full load:88.1 %Motor efficiency at 3/4 load:88.6-88.2 %Motor efficiency at 1/2 load:85.2-88.1 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor No:85U15413Others: Terminal box position:6Minimum efficiency index, MEI ≥:0.57Net weight:67.4 kgGross weight:72.1 kg	Cos phi - power factor:	0.87			
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Motor efficiency at $3/4$ load: $88.6-88.2$ %Motor efficiency at $1/2$ load: $85.2-88.1$ %Number of poles:2Enclosure class (IEC 34-5): $55$ Dust/JettingInsulation class (IEC 85):FMotor No: $85U15413$ Controls:Frequency converter:Frequency converter:NoneOthers:6Minimum efficiency index, MEI $\geq$ : $0.57$ Net weight: $67.4$ kgGross weight: $72.1$ kg					
Motor efficiency at 1/2 load: $85.2-88.1 \%$ Number of poles:2Enclosure class (IEC 34-5): $55 \text{ Dust/Jetting}$ Insulation class (IEC 85):FMotor No: $85U15413$ Controls:Frequency converter:NoneOthers:Terminal box position:6Minimum efficiency index, MEI >: $0.57$ Net weight: $67.4 \text{ kg}$ Gross weight: $72.1 \text{ kg}$					
Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor No: $85U15413$ Controls:Frequency converter:Frequency converter:NoneOthers:6Minimum efficiency index, MEI $\geq$ :0.57Net weight:67.4 kgGross weight:72.1 kg	Motor efficiency at 3/4 load.				
Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor No: $85U15413$ Controls:Frequency converter:Frequency converter:NoneOthers: $6$ Terminal box position: $6$ Minimum efficiency index, MEI $\geq$ : $0.57$ Net weight: $67.4 \text{ kg}$ Gross weight: $72.1 \text{ kg}$					
Insulation class (IEC 85):FMotor No: $85U15413$ Controls:Frequency converter:Frequency converter:NoneOthers: $6$ Terminal box position: $6$ Minimum efficiency index, MEI $\geq$ : $0.57$ Net weight: $67.4 \text{ kg}$ Gross weight: $72.1 \text{ kg}$					
Motor No: 85U15413   Controls: Frequency converter:   Frequency converter: None   Others: 6   Terminal box position: 6   Minimum efficiency index, MEI ≥: 0.57   Net weight: 67.4 kg   Gross weight: 72.1 kg					
Controls:     Frequency converter:   None     Others:   6     Terminal box position:   6     Minimum efficiency index, MEI ≥:   0.57     Net weight:   67.4 kg     Gross weight:   72.1 kg					
Frequency converter:   None     Others:   6     Terminal box position:   6     Minimum efficiency index, MEI ≥:   0.57     Net weight:   67.4 kg     Gross weight:   72.1 kg	Motor No:	85U15413			
Others:Terminal box position:6Minimum efficiency index, MEI $\geq$ :0.57Net weight:67.4 kgGross weight:72.1 kg					
Terminal box position:6Minimum efficiency index, MEI ≥:0.57Net weight:67.4 kgGross weight:72.1 kg	Frequency converter:	None			
Minimum efficiency index, MEI ≥:0.57Net weight:67.4 kgGross weight:72.1 kg	Others:				
Minimum efficiency index, MEI ≥:0.57Net weight:67.4 kgGross weight:72.1 kg	Terminal box position:	6			
Net weight:67.4 kgGross weight:72.1 kg		: 0.57			
Gross weight: 72.1 kg					
	Shipping volume.	0.140111			





## Company name: Created by: Phone:

Description	Value
General information:	
Product name:	CR 5-24 A-FGJ-A-E-HQBE
Product No:	97842039
EAN number:	5710625597582
Fechnical:	
Pump speed on which pump data are based:	2917 rpm
Rated flow:	5.8 m³/h
Rated head:	125.5 m
Maximum head:	163.9 m
Stages:	24
mpellers:	24
Number of reduced-diameter impellers:	0
Low NPSH:	Ν
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQBE
Approvals:	CE,EAC,UKCA,SEPRC
Approvals for drinking water:	WRAS
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Base:	Cast iron
Base:	EN 1561 EN-GJL-200
Base:	ASTM A48-25B
mpeller:	Stainless steel
mpeller:	EN 1.4301
mpeller:	AISI 304
Material code:	A
Code for rubber:	E
Bearing:	SIC
nstallation:	60 °C
Maximum ambient temperature: Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 120 °C 25 bar / 0 °C
Max pressure at stated temp: Type of connection:	DIN / ANSI / JIS
Size of inlet connection:	DN 25/32
Size of outlet connection:	DN 25/32
Pressure rating for connection:	PN 25
Flange rating inlet:	250 lb
Flange size for motor:	FT130
Connect code:	FGJ
Liquid:	1 00
Liquid: Pumped liquid:	Water
Liquid temperature range:	0 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m <sup>3</sup>
Electrical data:	550.2 Ng/III
Motor standard:	IEC
Motor type:	112MC
Rated power - P2:	4 kW
•	4 KVV 4 KW
Power (P2) required by pump:	4 KVV 50 Hz
Mains frequency: Rated voltage:	3 x 380-415D V
•	7.9 A
Rated current:	1.9 A





Company name: Created by: Phone:

		Date:	13/07/2024
Description	Value		
Starting current:	1000-1110 %	-	
Cos phi - power factor:	0.87		
Rated speed:	2920-2940 rpm		
IE Efficiency class:	IE3		
Motor efficiency at full load:	88.1 %		
Motor efficiency at 3/4 load:	88.6-88.2 %		
Motor efficiency at 1/2 load:	85.2-88.1 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Built-in motor protection:	PTC		
Motor No:	85U15413		
Controls:			
Frequency converter:	None		
Others:			
Terminal box position:	6		
Minimum efficiency index, MEI ≥:	0.57		
Net weight:	67.4 kg		
Gross weight:	72.1 kg		
Shipping volume:	0.148 m <sup>3</sup>		
Sales region:	United Arab Emirates		

