Qty. | Description

1

CM 1-4 A-R-I-E-AQQE F-A-A-N



Note! Product picture may differ from actual product

Product No.: On request

Compact, reliable, horizontal, multistage, end-suction centrifugal pump with axial suction port and radial discharge port. Pump materials in contact with the liquid are in stainless steel. The mechanical shaft seal is a special designed, unbalanced O-ring seal. Pipework connection is via internal Whitworth pipe threads, Rp (ISO 7/1).

The pump is fitted with a 3-phase, foot-mounted, fan-cooled asynchronous motor.

Controls:

Frequency converter: NONE

Liquid:

Pumped liquid: Water

Liquid temperature range: -20 .. 120 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2900 rpm

Rated flow: 1.7 m³/h
Rated head: 25.13 m
Code for shaft seal: AQQE
Approvals: CE,EAC

Approvals for drinking water: WRAS,ACS,NSF61,UBA Curve tolerance: ISO9906:2012 3B

Materials:

Pump housing: Stainless steel

EN 1.4301 AISI 304

Impeller: Stainless steel

EN 1.4301 AISI 304

Installation:

Range of ambient temperature: -20 .. 55 °C Maximum operating pressure: 16 bar

Max pressure at stated temp: 16 bar / 90 °C

10 bar / 120 °C

Type of connection: Rp
Size of inlet connection: 1 inch
Size of outlet connection: 1 inch
Outlet position: 12

Electrical data:

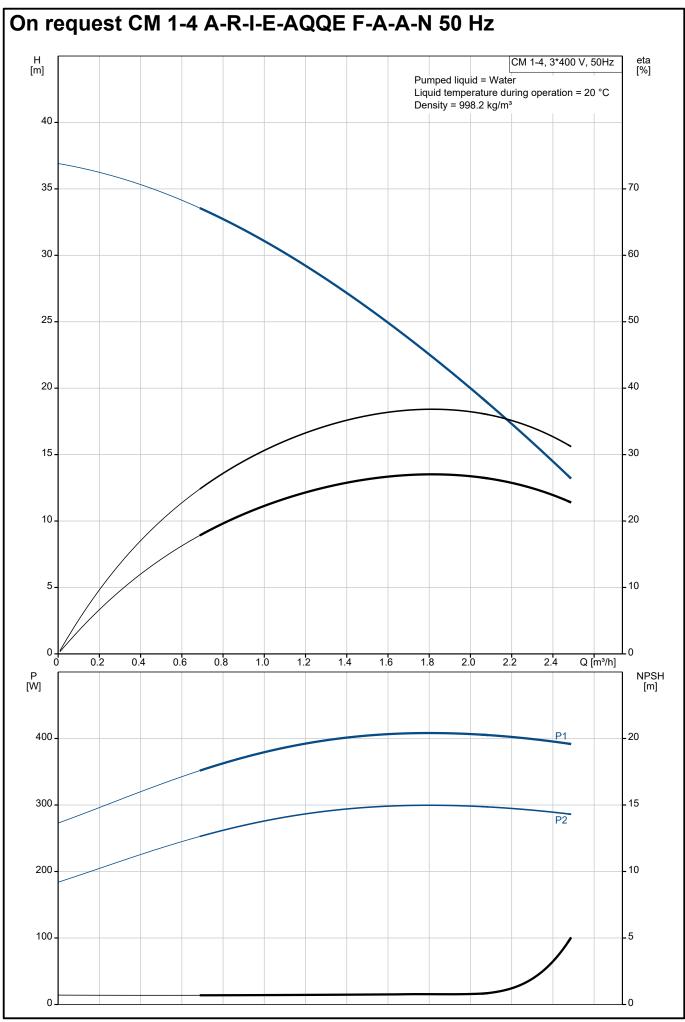
Motor standard: IEC
Frame size: 71A
Rated power - P2: 0.46 kW
Mains frequency: 50 Hz
Suitable for 50/60 Hz: N

Rated voltage: 3 x 220-240D/380-415Y V

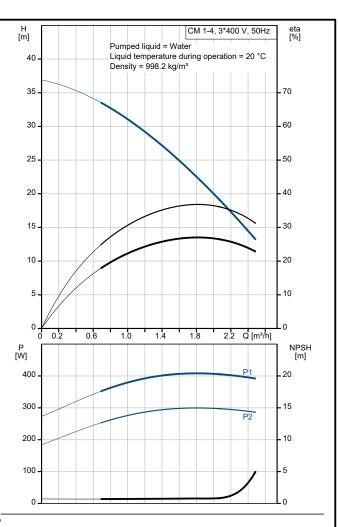
Service factor: 1.00

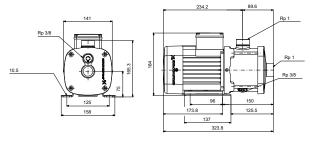
Rated current: 2,0-2,2/1,0-1,2 A

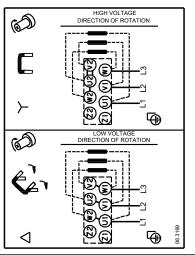
Description Qty. Starting current: 490-530 % Rated speed: 2770-2820 rpm Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: NONE Cable included (Yes/No): Others: 12 Terminal box position: Minimum efficiency index, MEI ≥: 0.68 Net weight: 12 kg Gross weight: 14.5 kg Danish VVS No.: 385214104 Country of origin: HU Custom tariff no.: 84137075



Description	Value		
General information:			
Product name:	CM 1-4 A-R-I-E-AQQE		
r reduct riame.	F-A-A-N		
Product No:	On request		
EAN number:	On request		
Technical:			
Pump speed on which pump data are	2900 rpm		
based:	2000 10111		
Rated flow:	1.7 m³/h		
Rated head:	25.13 m		
Impellers:	4		
Code for shaft seal:	AQQE		
Approvals:	CE,EAC		
Approvals for drinking water:	WRAS,ACS,NSF61,UBA		
Curve tolerance:	ISO9906:2012 3B		
Pump version:	A		
Model:	A		
Materials:			
Pump housing:	Stainless steel		
Pump housing:	EN 1.4301		
, 0			
Pump housing:	AISI 304		
Impeller:	Stainless steel		
Impeller:	EN 1.4301		
Impeller:	AISI 304		
Material code:	1		
Code for rubber:	E		
Installation:			
Range of ambient temperature:	-20 55 °C		
Maximum operating pressure:	16 bar		
Max pressure at stated temp:	16 bar / 90 °C		
Max pressure at stated temp:	10 bar / 120 °C		
Type of connection:	Rp		
Size of inlet connection:	1 inch		
Size of outlet connection:	1 inch		
Outlet position:	12		
Connect code:	R		
Liquid:			
Liquid: Pumped liquid:	Water		
	Water -20 120 °C		
Pumped liquid:			
Pumped liquid: Liquid temperature range:	-20 120 °C		
Pumped liquid: Liquid temperature range: Selected liquid temperature:	-20 120 °C 20 °C		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:	-20 120 °C 20 °C		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data:	-20 120 °C 20 °C 998.2 kg/m³		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard:	-20 120 °C 20 °C 998.2 kg/m³		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00 2,0-2,2/1,0-1,2 A		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current: Starting current:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00 2,0-2,2/1,0-1,2 A 490-530 %		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current: Starting current: Rated speed:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00 2,0-2,2/1,0-1,2 A 490-530 % 2770-2820 rpm		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current: Starting current: Rated speed: Enclosure class (IEC 34-5):	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00 2,0-2,2/1,0-1,2 A 490-530 % 2770-2820 rpm IP55		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current: Starting current: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85):	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00 2,0-2,2/1,0-1,2 A 490-530 % 2770-2820 rpm IP55 F		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current: Starting current: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00 2,0-2,2/1,0-1,2 A 490-530 % 2770-2820 rpm IP55 F NONE		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current: Starting current: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection: Cable included (Yes/No):	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00 2,0-2,2/1,0-1,2 A 490-530 % 2770-2820 rpm IP55 F		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current: Starting current: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection: Cable included (Yes/No): Controls:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00 2,0-2,2/1,0-1,2 A 490-530 % 2770-2820 rpm IP55 F NONE N		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current: Starting current: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection: Cable included (Yes/No): Controls: Frequency converter:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00 2,0-2,2/1,0-1,2 A 490-530 % 2770-2820 rpm IP55 F NONE		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current: Starting current: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection: Cable included (Yes/No): Controls: Frequency converter: Others:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00 2,0-2,2/1,0-1,2 A 490-530 % 2770-2820 rpm IP55 F NONE N NONE		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current: Starting current: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection: Cable included (Yes/No): Controls: Frequency converter: Others: Terminal box position:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00 2,0-2,2/1,0-1,2 A 490-530 % 2770-2820 rpm IP55 F NONE N NONE		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current: Starting current: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection: Cable included (Yes/No): Controls: Frequency converter: Others: Terminal box position: Minimum efficiency index, MEI ≥:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00 2,0-2,2/1,0-1,2 A 490-530 % 2770-2820 rpm IP55 F NONE N NONE 12 0.68		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current: Starting current: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection: Cable included (Yes/No): Controls: Frequency converter: Others: Terminal box position: Minimum efficiency index, MEI ≥: Net weight:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00 2,0-2,2/1,0-1,2 A 490-530 % 2770-2820 rpm IP55 F NONE N NONE 12 0.68 12 kg		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current: Starting current: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection: Cable included (Yes/No): Controls: Frequency converter: Others: Terminal box position: Minimum efficiency index, MEI ≥: Net weight: Gross weight:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00 2,0-2,2/1,0-1,2 A 490-530 % 2770-2820 rpm IP55 F NONE N NONE 12 0.68 12 kg 14.5 kg		
Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current: Starting current: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection: Cable included (Yes/No): Controls: Frequency converter: Others: Terminal box position: Minimum efficiency index, MEI ≥: Net weight:	-20 120 °C 20 °C 998.2 kg/m³ IEC 71A 0.46 kW 50 Hz N 3 x 220-240D/380-415Y V 1.00 2,0-2,2/1,0-1,2 A 490-530 % 2770-2820 rpm IP55 F NONE N NONE 12 0.68 12 kg		

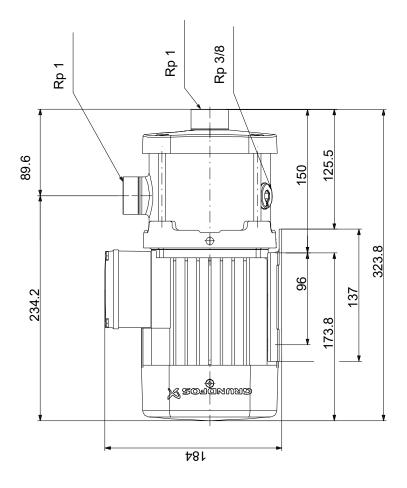


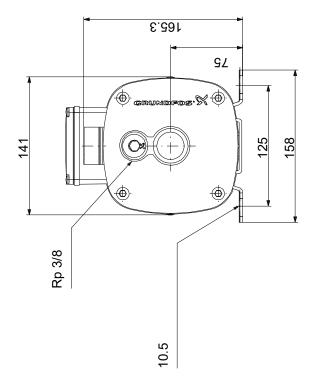




Description	Value	
Description Country of origin:	Value HU	
Custom tariff no.:	84137075	

On request CM 1-4 A-R-I-E-AQQE F-A-A-N 50 Hz





Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.

On request CM 1-4 A-R-I-E-AQQE F-A-A-N 50 Hz **HIGH VOLTAGE DIRECTION OF ROTATION** LOW VOLTAGE **DIRECTION OF ROTATION** Note! All units are in [mm] unless others are stated.

	Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total		
		CM 1-4	1	On request	Price on request		
					request		