## Qty. | Description

# 1 CM 1-3 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: 18.82 m
Code for shaft seal: AQQE
Approvals: CE,EAC

Approvals for drinking water: WRAS,ACS,NSF61,UBA Curve tolerance: WRAS,ACS,NSF61,UBA 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:

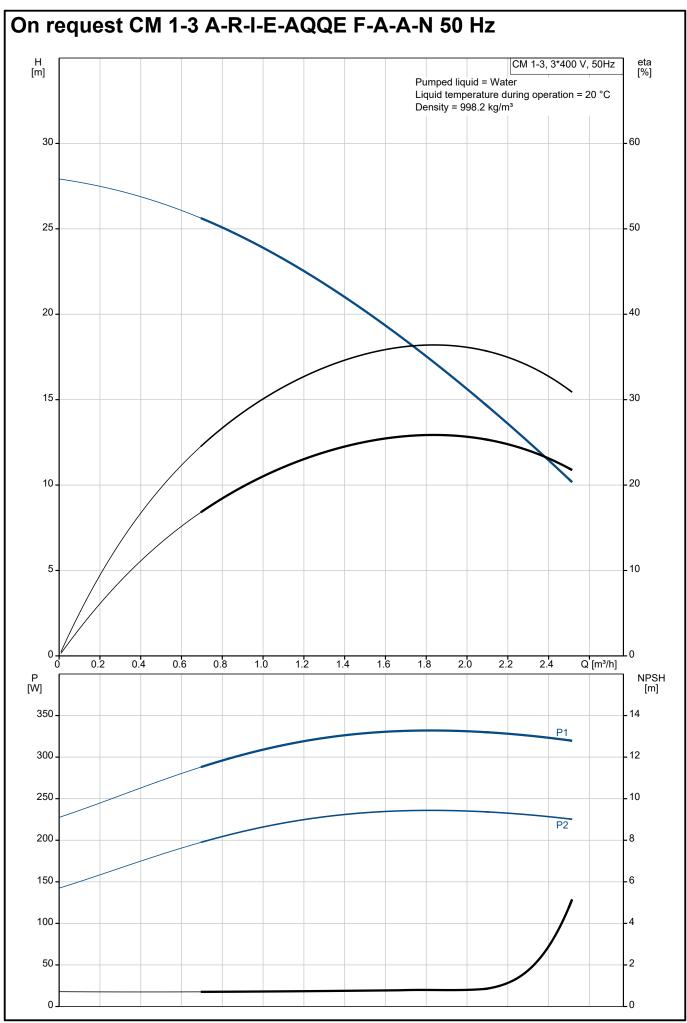
Motor standard: IEC
Frame size: 71A
Rated power - P2: 0.46 kW
Mains frequency: 50 Hz
Suitable for 50/60 Hz: N

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

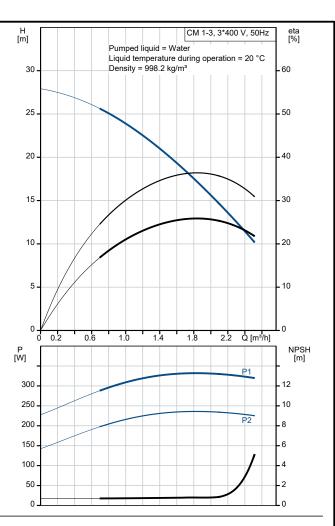
Service factor: 1.00

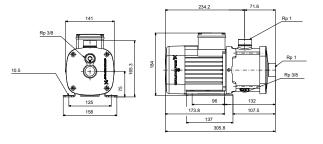
Rated current: 2,0-2,2/1,0-1,2 A

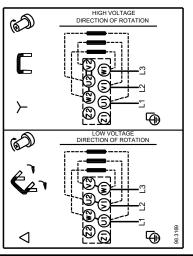
# Qty. Description Starting current: 490-530 % Rated speed: 2770-2820 rpm Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: NONE Cable included (Yes/No): Others: Terminal box position: 12 Minimum efficiency index, MEI ≥: 0.68 Net weight: 11.7 kg Gross weight: 14.2 kg Danish VVS No.: 385214103 Country of origin: HU Custom tariff no.: 84137075



Description   Value			
Product name:  Product No: On request  EAN number: On request  Product No: On request  Product No: On request  On request  Product No: On request  Product No: On request  On request  Product No: On Product No: On Product No: On Red Noise No: On Product Noise Noise  Product Noise Noise Noise  Product Noise Noise  Product Noise Noise  Product Noise Noise  Product Noise  Product Noise Noise  Product Noise  Product Noise Product		Value	
F-A-AN Product No: On request EAN number: On request Technical: Pump speed on which pump data are based: Rated flow: 1.7 m³/h Rated head: 18.82 m Impellers: 3 Code for shaft seal: AQQE Approvals: CE_EAC Approvals or 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 Pump housing: EN 1.4301 Impeller: Stainless steel Impeller: AISI 304 Impeller: EN 1.4301 Impeller: AISI 304 Impeller: EN 1.4301 Impeller: BAIS 304 Impeller: ISI 304 Impeller: ISI 3004 Impel	General information:		
EAN number:			
Technical:         2900 rpm           Pump speed on which pump data are based:         1.7 m³/h           Rated flow:         1.7 m³/h           Rated head:         18.82 m           Impellers:         3           Code for shaft seal:         AQQE           Approvals:         CE,EAC           Approvals:         A           Curve tolerance:         ISO9906:2012 3B           Pump version:         A           Model:         A           Pump bousing:         Stainless steel           Pump housing:         EN 1.4301           Impeller:         Stainless steel           Impeller:         Stainless steel           Impeller:         Stainless steel           Impeller:         AISI 304           Impeller:         AISI 304           Impeller:         AISI 304           Material code:         I           Code for rubber:         E           Installation:         I           Range of ambient temperature:         -2055 °C           Maximum operating pressure:         16 bar / 90 °C           Max pressure at stated temp:         10 bar / 120 °C           Max pressure at stated temp:         10 bar / 120 °C	Product No:	On request	
Pump speed on which pump data are based:         2900 rpm           Rated flow:         1.7 m³/h           Rated head:         18.82 m           Impellers:         3           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           Model:         A           Pump housing:         Stainless steel           Pump housing:         AISI 304           Impeller:         Stainless steel           Impeller:         AISI 304           Impeller:         Balsi 304           Impeller:         AISI 304           Impeller:         Balsi 304           Impeller:         Balsi 304           Impeller:         Balsi 304           Impeller:         Balsi 304	EAN number:	On request	
based:         1.7 m²/h           Rated flow:         1.7 m²/h           Rated head:         18.82 m           Impellers:         3           Code for shaft seal:         AQCE           Approvals:         CE,EAC           Approvals:         WRAS,ACS,NSF61,UBA           Curve tolerance:         ISO9906:2012 3B           Pump yersion:         A           Model:         A           Materials:         ***           Pump housing:         Stainless steel           Pump housing:         EN 1.4301           Pump housing:         AISI 304           Impeller:         Stainless steel           Impeller:         Basinless steel           Impeller:         AISI 304           Impeller:         AISI 304           Material code:         I           Code for rubber:         E           Installation:         I           Range of ambient temperature:         -2055 °C           Maximum operating pressure:         16 bar           Max pressure at stated temp:         10 bar / 120 °C           Type of connection:         1 inch           Size of inlet connection:         1 inch           Size of inlet connection:	Technical:		
Rated head: 18.82 m Impellers: 3 Code for shaft seal: AQQE Approvals: CE_EAC Approvals: WRAS,ACS,NSF61,UBA Curve tolerance: ISO9906:2012 3B Pump version: A Model: A Materials: Pump housing: Stainless steel Pump housing: EN 1.4301 Pump housing: AISI 304 Impeller: Stainless steel Impeller: EN 1.4301 Impeller: EN 1.4301 Impeller: BIS 304 Impeller: BIS 305 Impeller: BIS 306 Impeller: BIS 306 Impeller: BIS 306 Impeller: BIS 306 Impeller: BIS 307 Impeller: BIS 308 Impeller: BIS 30		2900 rpm	
Impellers: 3   AQC    Approvals: CE,EAC   Approvals for drinking water: WRAS,ACS,NSF61,UBA   Curve tolerance: ISO9906:2012 3B   Pump version: A   Model: A   Model: A   Model: A   Materials:   Pump housing: Stainless steel   Pump housing: EN 1.4301   Pump housing: AISI 304   Impeller: Stainless steel   Impeller: EN 1.4301   Impeller: AISI 304   Impeller: AISI 304   Material code: I   Code for rubber: E   Installation:   Range of ambient temperature: -2055 °C   Maximum operating pressure: 16 bar / 90 °C   Max pressure at stated temp: 10 bar / 120 °C   Yope of connection: 1 inch   Size of outlet connection: 1 inch   Outlet position: 12   Connect code: R   Liquid: Water   Liquid temperature: 20 °C   Density: 998.2 kg/m³   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: 2.0-22/1,0-1,2 A   Starting current: 490-530 %   Rated speed: 2770-2820 rpm   Enclosure class (IEC 34-5):   Insulation class (IEC 38-5):   Fullit-in motor protection: NONE   Others:   Terminal box position: 12   Minimum efficiency index, MEI ≥: NONE   Others:   Terminal box position: 12   Minimum efficiency index, MEI ≥: NONE   Others:   Terminal box position: 12   Minimum efficiency index, MEI ≥: NONE   Others:   Terminal box position: 12   Minimum efficiency index, MEI ≥: NONE   Others:   Terminal box position: 12   Minimum efficiency index, MEI ≥: NONE   Others:   Terminal box position: 12   Minimum efficiency index, MEI ≥: NONE   Others:   Terminal box position: 12   Minimum efficiency index, MEI ≥: NONE   Others:   Terminal box position: 12   Minimum efficiency index, MEI ≥: NONE   Others:   Terminal box position: 14   Minimum efficiency index, MEI ≥: NONE   Others:   Terminal box position: 14   Minimum efficiency index, MEI ≥: NONE   Others:   Terminal box position: 14   Minimum efficiency index, MEI ≥: NONE   Others:   Terminal box position: 14   Minimum efficiency inde	Rated flow:	1.7 m³/h	
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:         WIPP provided to the	Rated head:	18.82 m	
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: AISI 304 Impeller: Stainless steel Impeller: EN 1.4301 Impeller: AISI 304 Impeller: AISI 304 Impeller: BN 1.4301 Impeller: AISI 304 Material code: I 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: 1 inch Size of outlet connection: 1 inch Size of outlet connection: 12 Connect code: R Liquid: Pumped liquid: Water Liquid temperature range: -20 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ 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 Starting current: 490-530 % Rated speed: 2770-2820 rpm Enclosure class (IEC 34-5): Insulation class (IEC 35): F Built-in motor protection: NONE Controls: Frequency converter: NONE Others: Terminal box position: 12 Minimum efficiency index, MEI ≥: NONE Others: Terminal box position: 12 Minimum efficiency index, MEI ≥: NONE Others: Terminal box position: 12 Minimum efficiency index, MEI ≥: NONE Others: Terminal box position: 12 Minimum efficiency index, MEI ≥: NONE Others: Terminal box position: 11.7 kg Gross weight: 11.7 kg	Impellers:	3	
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: AISI 304 Impeller: Stainless steel Impeller: EN 1.4301 Impeller: AISI 304 Impeller: AISI 304 Impeller: BN 1.4301 Impeller: AISI 304 Material code: I 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: 1 inch Size of outlet connection: 1 inch Size of outlet connection: 12 Connect code: R Liquid: Pumped liquid: Water Liquid temperature range: -20 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ 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 Starting current: 490-530 % Rated speed: 2770-2820 rpm Enclosure class (IEC 34-5): Insulation class (IEC 35): F Built-in motor protection: NONE Controls: Frequency converter: NONE Others: Terminal box position: 12 Minimum efficiency index, MEI ≥: NONE Others: Terminal box position: 12 Minimum efficiency index, MEI ≥: NONE Others: Terminal box position: 12 Minimum efficiency index, MEI ≥: NONE Others: Terminal box position: 12 Minimum efficiency index, MEI ≥: NONE Others: Terminal box position: 11.7 kg Gross weight: 11.7 kg	'	AQQE	
Approvals for drinking water:  Curve tolerance:    ISO9906:2012 3B			
Curve tolerance:         ISO9906:2012 3B           Pump version:         A           Model:         A           Materials:         Stainless steel           Pump housing:         EN 1.4301           Pump housing:         AISI 304           Impeller:         Stainless steel           Impeller:         AISI 304           Impeller:         AISI 304           Impeller:         AISI 304           Impeller:         AISI 304           Material code:         I           Code for rubber:         E           Installation:         E           Range of ambient temperature:         -20 55 °C           Maximum operating pressure:         16 bar           Max pressure at stated temp:         10 bar / 90 °C           Max pressure at stated temp:         10 bar / 120 °C           Type of connection:         Rp           Size of inlet connection:         1 inch           Size of inlet connection:         1 inch           Size of outlet connection:         1 inch           Water         Liquid:           Liquid:         Water           Liquid:         Water           Liquid temperature range:         -20 120 °C <t< td=""><td></td><td>•</td></t<>		•	
Model:         A           Materials:         Stainless steel           Pump housing:         EN 1.4301           Pump housing:         AISI 304           Impeller:         Stainless steel           Impeller:         EN 1.4301           Impeller:         AISI 304           Material code:         I           Code for rubber:         E           Installation:         E           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:         1 inch           Size of inlet connection:         1 inch           Size of outlet connection:         1 inch           Outlet position:         12           Connect code:         R           Liquid:         Water           Pumped liquid:         Water           Liquid temperature range:         -20 120 °C           Selected liquid temperature:         20 °C           Density:         998.2 kg/m³           Electrical data:         Motor standard:           Motor standard:         IEC			
Model:         A           Materials:         Stainless steel           Pump housing:         EN 1.4301           Pump housing:         AISI 304           Impeller:         Stainless steel           Impeller:         EN 1.4301           Impeller:         AISI 304           Material code:         I           Code for rubber:         E           Installation:         E           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:         1 inch           Size of inlet connection:         1 inch           Size of outlet connection:         1 inch           Outlet position:         12           Connect code:         R           Liquid:         Water           Pumped liquid:         Water           Liquid temperature range:         -20 120 °C           Selected liquid temperature:         20 °C           Density:         998.2 kg/m³           Electrical data:         Motor standard:           Motor standard:         IEC	Pump version:	A	
Pump housing:         Stainless steel           Pump housing:         EN 1.4301           Pump housing:         AISI 304           Impeller:         Stainless steel           Impeller:         EN 1.4301           Impeller:         AISI 304           Material code:         I           Code for rubber:         E           Installation:         E           Range of ambient temperature:         6 bar           Max pressure at stated temp:         16 bar / 90 °C           Max pressure at stated temp:         10 bar / 120 °C           Max pressure at stated temp:         10 bar / 120 °C           Max pressure at stated temp:         10 bar / 120 °C           Max pressure at stated temp:         11 inch           Size of inlet connection:         1 inch           Size of outlet connection:         1 inch           Size of outlet connection:         1 inch           Utlet position:         12           Connect code:         R           Liquid:         Water           Liquid:         Water           Liquid temperature range:         -20 120 °C           Selected liquid temperature:         20 °C           Density:         998.2 kg/m³	<b>'</b>	A	
Pump housing:         EN 1.4301           Pump housing:         AISI 304           Impeller:         EN 1.4301           Impeller:         EN 1.4301           Impeller:         AISI 304           Material code:         I           Code for rubber:         E           Installation:         E           Range of ambient temperature:         -20 55 °C           Maximum operating pressure:         16 bar / 90 °C           Max pressure at stated temp:         16 bar / 90 °C           Max pressure at stated temp:         10 bar / 120 °C           Type of connection:         1 inch           Size of inlet connection:         1 inch           Size of outlet connection:         1 inch           Outlet position:         12           Connect code:         R           Liquid:         Water           Liquid:         Water           Liquid temperature range:         -20 120 °C           Selected liquid temperature:         20 °C           Density:         998.2 kg/m³           Electrical data:         Motor standard:           IEC         Frame size:         71A           Rated power - P2:         0.46 kW           Mains frequenc	Materials:		
Pump housing:         EN 1.4301           Pump housing:         AISI 304           Impeller:         EN 1.4301           Impeller:         EN 1.4301           Impeller:         AISI 304           Material code:         I           Code for rubber:         E           Installation:         E           Range of ambient temperature:         -20 55 °C           Maximum operating pressure:         16 bar / 90 °C           Max pressure at stated temp:         16 bar / 90 °C           Max pressure at stated temp:         10 bar / 120 °C           Type of connection:         1 inch           Size of inlet connection:         1 inch           Size of outlet connection:         1 inch           Outlet position:         12           Connect code:         R           Liquid:         Water           Liquid:         Water           Liquid temperature range:         -20 120 °C           Selected liquid temperature:         20 °C           Density:         998.2 kg/m³           Electrical data:         Motor standard:           IEC         Frame size:         71A           Rated power - P2:         0.46 kW           Mains frequenc	Pump housing:	Stainless steel	
Pump housing:         AISI 304           Impeller:         Stainless steel           Impeller:         EN 1.4301           Impeller:         AISI 304           Material code:         I           Code for rubber:         E           Installation:         E           Range of ambient temperature:         -20 55 °C           Maximum operating pressure:         16 bar           Max pressure at stated temp:         10 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:         Water           Liquid:         Water           Liquid:         Water           Liquid temperature range:         -20 120 °C           Selected liquid temperature:         20 °C           Density:         998.2 kg/m³           Electrical data:         Motor standard:           Motor standard:         IEC           Frame size:         71A           Rated power - P2:         0.46 kW <td></td> <td></td>			
Impeller:         Stainless steel           Impeller:         EN 1.4301           Impeller:         AISI 304           Material code:         I           Code for rubber:         E           Installation:         E           Range of ambient temperature:         -20 55 °C           Maximum operating pressure:         16 bar           Max pressure at stated temp:         10 bar / 120 °C           Max pressure at stated temp:         10 bar / 120 °C           Type of connection:         1 inch           Size of inlet connection:         1 inch           Size of outlet connection:         1 inch           Outlet position:         12           Connect code:         R           Liquid:         Water           Pumped liquid:         Water           Liquid temperature range:         -20 120 °C           Selected liquid temperature:         20 °C           Selectrical data:         Motor standard:           Motor standard:         IEC           Frame size:         71A           Rated power - P2:         0.46 kW           Mains frequency:         50 Hz           Suitable for 50/60 Hz:         N           Rated ourrent:	1 0		
Impeller:         EN 1.4301           Impeller:         AISI 304           Material code:         I           Code for rubber:         E           Installation:         E           Range of ambient temperature:         -20 55 °C           Max moressure at stated temp:         16 bar           Max pressure at stated temp:         10 bar / 120 °C           Max pressure at stated temp:         10 bar / 120 °C           Type of connection:         1 inch           Size of inlet connection:         1 inch           Size of outlet connection:         1 inch           Outlet position:         12           Connect code:         R           Liquid:         Water           Liquid temperature range:         -20 120 °C           Selected liquid temperature:         20 °C           Selected liquid temperature:         20 °C           Density:         998.2 kg/m³           Electrical data:         Motor standard:           Motor standard:         IEC           Frame size:         71A           Rated power - P2:         0.46 kW           Mains frequency:         50 Hz           Suitable for 50/60 Hz:         N           Rated outrent: <td></td> <td></td>			
Impeller:	•		
Material code:       I         Code for rubber:       E         Installation:       E         Range of ambient temperature:       -20 55 °C         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:       Water         Liquid temperature range:       -20 120 °C         Selected liquid temperature:       20 °C         Selected liquid temperature:       20 °C         Density:       998.2 kg/m³         Electrical data:       IEC         Motor standard:       IEC         Frame size:       71A         Rated power - P2:       0.46 kW         Mains frequency:       50 Hz         Suitable for 50/60 Hz:       N         Rated current:       2,0-2,2/1,0-1,2 A         Starting current:       490-530 %         Rated speed:       2770-2820 rpm         Enclosure class (IEC 34-5):       IP55         Insulation class (IEC 85):	•		
Code for rubber: E   Installation: -20 55 °C   Range of ambient temperature: -20 55 °C   Maximum operating pressure: 16 bar   Max pressure at stated temp: 10 bar / 120 °C   Max pressure at stated temp: 10 bar / 120 °C   Type of connection: 1 inch   Size of inlet connection: 1 inch   Size of outlet connection: 1 inch   Outlet position: 12   Connect code: R   Liquid: Water   Pumped liquid: Water   Liquid temperature range: -20 120 °C   Selected liquid temperature: 20 °C   Density: 998.2 kg/m³   Electrical data: IEC   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   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   Controls: NONE   Terminal box position: 12   Minimum efficiency index, MEI ≥: 0.68   Net weight: 11.7 kg   Gross weight: 14.2 kg	'		
Installation:  Range of ambient temperature:  Range of ambient temperature:  Max pressure at stated temp:  Max pressure at stated temp:  Max pressure at stated temp:  Type of connection:  Size of inlet connection:  Size of outlet connection:  Outlet position:  Connect code:  Re  Liquid:  Pumped liquid:  Pumped liquid temperature:  Liquid temperature range:  Selected liquid temperature:  Density:  Flectrical data:  Motor standard:  Rated power - P2:  Mains frequency:  Suitable for 50/60 Hz:  Rated voltage:  Service factor:  Rated speed:  Enclosure class (IEC 34-5):  Insulation class (IEC 85):  Built-in motor protection:  Controls:  Frequency converter:  NONE  Others:  Terminal box position:  Net weight:  Motor standard:  12  Motor standard:  Motor standard:  Enclosure class (IEC 34-5):  Insulation class (IEC 85):  Frequency converter:  NONE  Others:  Terminal box position:  12  Minimum efficiency index, MEI ≥:  None  Others:  11.7 kg  Gross weight:  11.7 kg  Gross weight:  11.7 kg  Gross weight:  11.7 kg		•	
Range of ambient temperature:  Maximum operating pressure:  Max pressure at stated temp:  Max pressure at stated temp:  10 bar / 120 °C  Type of connection:  Size of inlet connection:  1 inch  Size of outlet connection:  1 inch  Outlet position:  Connect code:  R  Liquid:  Pumped liquid:  Water  Liquid temperature range:  Selected liquid temperature:  Density:  Pensity:  Pensity:  Factor outlet contextion:  Motor standard:  Frame size:  T1A  Rated power - P2:  Mains frequency:  Service factor:  Service factor:  Attended speed:  France size:  Starting current:  490-530 %  Rated speed:  Enclosure class (IEC 34-5):  Insulation class (IEC 85):  Built-in motor protection:  Cable included (Yes/No):  Controls:  Frequency converter:  NONE  Others:  Terminal box position:  12  Minimum efficiency index, MEI ≥:  Net weight:  11.7 kg  Gross weight:  14.2 kg	*	<u> </u>	
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:       1 inch         Size of inlet connection:       1 inch         Outlet position:       12         Connect code:       R         Liquid:       Water         Pumped liquid:       Water         Liquid temperature range:       -20 120 °C         Selected liquid temperature:       20 °C         Density:       998.2 kg/m³         Electrical data:       IEC         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         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 (		20 55 °C	
Max pressure at stated temp:       16 bar / 90 °C         Max pressure at stated temp:       10 bar / 120 °C         Type of connection:       1 inch         Size of inlet connection:       1 inch         Outlet position:       12         Connect code:       R         Liquid:       Water         Pumped liquid:       Water         Liquid temperature range:       -20 120 °C         Selected liquid temperature:       20 °C         Density:       998.2 kg/m³         Electrical data:       IEC         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         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):       N         Controls: <td< td=""><td></td><td></td></td<>			
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:       Water         Pumped liquid:       Water         Liquid temperature range:       -20 120 °C         Selected liquid temperature:       20 °C         Density:       998.2 kg/m³         Electrical data:       IEC         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         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         Controls:       NONE         Frequency converter:       NONE			
Type of connection:         Rp           Size of inlet connection:         1 inch           Size of outlet connection:         1 inch           Outlet position:         12           Connect code:         R           Liquid:         Water           Pumped liquid:         Water           Liquid temperature range:         -20 120 °C           Selected liquid temperature:         20 °C           Density:         998.2 kg/m³           Electrical data:         IEC           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           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           Controls:         Frequency converter:         NONE           Others:			
Size of inlet connection:       1 inch         Size of outlet connection:       1 inch         Outlet position:       12         Connect code:       R         Liquid:       Water         Pumped liquid:       Water         Liquid temperature range:       -20 120 °C         Selected liquid temperature:       20 °C         Density:       998.2 kg/m³         Electrical data:       IEC         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         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):       N         Controls:       Frequency converter:       NONE         Others:       12         Minimum efficiency index, MEI ≥:			
Size of outlet connection:       1 inch         Outlet position:       12         Connect code:       R         Liquid:       Water         Liquid temperature range:       -20 120 °C         Selected liquid temperature:       20 °C         Density:       998.2 kg/m³         Electrical data:       IEC         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         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         Controls:       NONE         Frequency converter:       NONE         Others:       Terminal box position:       12         Minimum efficiency index, MEI ≥:       0.68         Net weight:       11.7 kg         Gross weight:       14.2 kg <td>**</td> <td>•</td>	**	•	
Outlet position:  Connect code:  R  Liquid:  Pumped liquid:  Liquid temperature range:  Selected liquid temperature:  Density:  Density:  Electrical data:  Motor standard:  Frame size:  Frame size:  T1A  Rated power - P2:  Outlet position:  Rated voltage:  Service factor:  Rated current:  Starting current:  Aganta Starting current:  Enclosure class (IEC 34-5):  Insulation class (IEC 85):  Built-in motor protection:  Cable included (Yes/No):  None  Others:  Terminal box position:  Terminal box position:  Net weight:  Gross weight:  11.7 kg  Gross weight:  120  Controls:  Factor:  Rated voltage:  Rated voltage:  Rated voltage:  Aganta Aganta  Rated speed:  2770-2820 rpm  Rated speed:  PF55  Insulation class (IEC 85):  F  Built-in motor protection:  NONE  Others:  Terminal box position:  12  Minimum efficiency index, MEI ≥:  O.68  Net weight:  11.7 kg  Gross weight:  14.2 kg			
Connect code:       R         Liquid:       Water         Pumped liquid:       Water         Liquid temperature range:       -20 120 °C         Selected liquid temperature:       20 °C         Density:       998.2 kg/m³         Electrical data:       IEC         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 voltage:       3 x 220-240D/380-415Y V         Service factor:       1.00         Rated current:       2,0-2,2/1,0-1,2 A         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         Controls:       Prequency converter:       NONE         Others:       NONE         Terminal box position:       12         Minimum efficiency index, MEI ≥:       0.68         Net weight:       11.7			
Liquid:       Pumped liquid:       Water         Liquid temperature range:       -20 120 °C         Selected liquid temperature:       20 °C         Density:       998.2 kg/m³         Electrical data:       IEC         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         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):       N         Controls:       Frequency converter:       NONE         Others:       Terminal box position:       12         Minimum efficiency index, MEI ≥:       0.68         Net weight:       11.7 kg         Gross weight:       14.2 kg	•	<del>-</del>	
Pumped liquid:       Water         Liquid temperature range:       -20 120 °C         Selected liquid temperature:       20 °C         Density:       998.2 kg/m³         Electrical data:       IEC         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         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):       N         Controls:       Frequency converter:       NONE         Others:       Terminal box position:       12         Minimum efficiency index, MEI ≥:       0.68         Net weight:       11.7 kg         Gross weight:       14.2 kg		R	
Liquid temperature range:  Selected liquid temperature:  Density:  998.2 kg/m³  Electrical data:  Motor standard:  Rated power - P2:  Mains frequency:  Suitable for 50/60 Hz:  Rated voltage:  Service factor:  Rated current:  Starting current:  490-530 %  Rated speed:  Enclosure class (IEC 34-5):  Insulation class (IEC 35):  Built-in motor protection:  Cable included (Yes/No):  Controls:  Frequency converter:  None  Minimum efficiency index, MEI ≥:  Net weight:  1.00 %  1.0	•	***	
Selected liquid temperature:       20 °C         Density:       998.2 kg/m³         Electrical data:       IEC         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         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):       N         Controls:       Frequency converter:       NONE         Others:       Terminal box position:       12         Minimum efficiency index, MEI ≥:       0.68         Net weight:       11.7 kg         Gross weight:       14.2 kg	· · ·		
Density:         998.2 kg/m³           Electrical data:         IEC           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           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):         N           Controls:         Frequency converter:         NONE           Others:         Terminal box position:         12           Minimum efficiency index, MEI ≥:         0.68           Net weight:         11.7 kg           Gross weight:         14.2 kg			
Electrical data:         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           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):         N           Controls:         Frequency converter:         NONE           Others:         Terminal box position:         12           Minimum efficiency index, MEI ≥:         0.68           Net weight:         11.7 kg           Gross weight:         14.2 kg			
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           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):         N           Controls:         Frequency converter:         NONE           Others:         Terminal box position:         12           Minimum efficiency index, MEI ≥:         0.68           Net weight:         11.7 kg           Gross weight:         14.2 kg	•	998.2 kg/m³	
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         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):       N         Controls:       Frequency converter:       NONE         Others:       Terminal box position:       12         Minimum efficiency index, MEI ≥:       0.68         Net weight:       11.7 kg         Gross weight:       14.2 kg			
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         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):       N         Controls:       NONE         Frequency converter:       NONE         Others:       12         Minimum efficiency index, MEI ≥:       0.68         Net weight:       11.7 kg         Gross weight:       14.2 kg			
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         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):       N         Controls:       Frequency converter:       NONE         Others:       Terminal box position:       12         Minimum efficiency index, MEI ≥:       0.68         Net weight:       11.7 kg         Gross weight:       14.2 kg			
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         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):       N         Controls:       Frequency converter:       NONE         Others:       Terminal box position:       12         Minimum efficiency index, MEI ≥:       0.68         Net weight:       11.7 kg         Gross weight:       14.2 kg			
Rated voltage:       3 x 220-240D/380-415Y V         Service factor:       1.00         Rated current:       2,0-2,2/1,0-1,2 A         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):       N         Controls:       Frequency converter:       NONE         Others:       Terminal box position:       12         Minimum efficiency index, MEI ≥:       0.68         Net weight:       11.7 kg         Gross weight:       14.2 kg			
Service factor:       1.00         Rated current:       2,0-2,2/1,0-1,2 A         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):       N         Controls:       Frequency converter:       NONE         Others:       Terminal box position:       12         Minimum efficiency index, MEI ≥:       0.68         Net weight:       11.7 kg         Gross weight:       14.2 kg			
Rated current:       2,0-2,2/1,0-1,2 A         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):       N         Controls:       Frequency converter:       NONE         Others:       Terminal box position:       12         Minimum efficiency index, MEI ≥:       0.68         Net weight:       11.7 kg         Gross weight:       14.2 kg	_		
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): N  Controls:  Frequency converter: NONE  Others:  Terminal box position: 12  Minimum efficiency index, MEI ≥: 0.68  Net weight: 11.7 kg  Gross weight: 14.2 kg			
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): N  Controls:  Frequency converter: NONE  Others:  Terminal box position: 12  Minimum efficiency index, MEI ≥: 0.68  Net weight: 11.7 kg  Gross weight: 14.2 kg	Rated current:		
Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: NONE Cable included (Yes/No): N  Controls: Frequency converter: NONE  Others:  Terminal box position: 12 Minimum efficiency index, MEI ≥: 0.68 Net weight: 11.7 kg Gross weight: 14.2 kg	9		
Insulation class (IEC 85):  Built-in motor protection:  Cable included (Yes/No):  N  Controls:  Frequency converter:  NONE  Others:  Terminal box position:  Minimum efficiency index, MEI ≥:  Net weight:  Gross weight:  11.7 kg  Gross weight:	Rated speed:	2770-2820 rpm	
Insulation class (IEC 85):  Built-in motor protection:  Cable included (Yes/No):  N  Controls:  Frequency converter:  NONE  Others:  Terminal box position:  Minimum efficiency index, MEI ≥:  Net weight:  Gross weight:  11.7 kg  Gross weight:	Enclosure class (IEC 34-5):	IP55	
Built-in motor protection:  Cable included (Yes/No):  Controls:  Frequency converter:  NONE  Others:  Terminal box position:  Minimum efficiency index, MEI ≥:  Net weight:  Gross weight:  NONE  12  11.7 kg  11.7 kg  14.2 kg		F	
Cable included (Yes/No):  Controls:  Frequency converter:  Others:  Terminal box position:  Minimum efficiency index, MEI ≥:  Net weight:  Gross weight:  Net weight:  14.2 kg		NONE	
Controls:Frequency converter:NONEOthers:Terminal box position:12Minimum efficiency index, MEI ≥:0.68Net weight:11.7 kgGross weight:14.2 kg	-	N	
Others:Terminal box position:12Minimum efficiency index, MEI ≥:0.68Net weight:11.7 kgGross weight:14.2 kg			
Others:Terminal box position:12Minimum efficiency index, MEI ≥:0.68Net weight:11.7 kgGross weight:14.2 kg	Frequency converter:	NONE	
Terminal box position: 12  Minimum efficiency index, MEI ≥: 0.68  Net weight: 11.7 kg  Gross weight: 14.2 kg			
Minimum efficiency index, MEI ≥:0.68Net weight:11.7 kgGross weight:14.2 kg		12	
Net weight: 11.7 kg Gross weight: 14.2 kg	· ·		
Gross weight: 14.2 kg	-		
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Dallish V VO No.	-		
	Ballion 112 Hz		

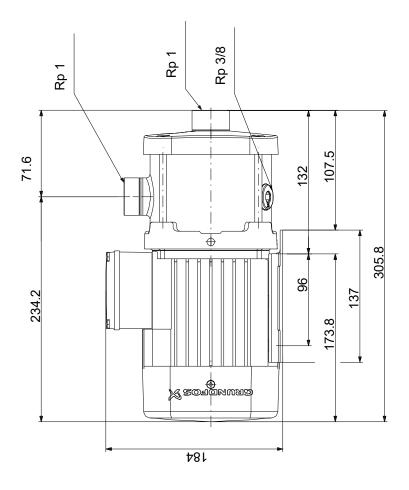


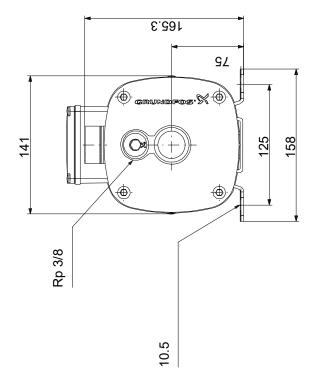




Description	Value	
Description Country of origin:	<b>Value</b> HU	
Custom tariff no.:	84137075	

# On request CM 1-3 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 1-3 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 1-3	1	On request	Price on request			
					request			