

**Qty. Description**

1 CM 10-3 A-R-G-E-AVBE F-A-A-N



**Note! Product picture may differ from actual product**

Product No.: [96935484](#)

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 high-grade 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 .. 90 °C  
 Selected liquid temperature: 20 °C  
 Density: 998.2 kg/m<sup>3</sup>

**Technical:**

Pump speed on which pump data are based: 2900 rpm  
 Rated flow: 10 m<sup>3</sup>/h  
 Rated head: 38.03 m  
 Code for shaft seal: AVBE  
 Approvals: EAC  
 Approvals for drinking water: ACS,NSF61,UBA  
 Curve tolerance: ISO9906:2012 3B

**Materials:**

Pump housing: Stainless steel  
 EN 1.4401  
 AISI 316  
 Impeller: Stainless steel  
 EN 1.4401  
 AISI 316

**Installation:**

Range of ambient temperature: -20 .. 55 °C  
 Maximum operating pressure: 10 bar  
 Max pressure at stated temp: 10 bar / 40 °C  
 6 bar / 90 °C

Type of connection: Rp  
 Size of inlet connection: 1 1/2 inch  
 Size of outlet connection: 1 1/2 inch  
 Outlet position: 12

**Electrical data:**

Motor standard: IEC



Company name:

Created by:

Phone:

Date:

17/09/2024

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|   |  |                         |
|---|--|-------------------------|
| 1 | Frame size:                            | 90SF                    |
|   | IE efficiency class:                   | IE2                     |
|   | Rated power - P2:                      | 2.2 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:                         | 8.30/4.80 A             |
|   | Starting current:                      | 720-790 %               |
|   | Rated speed:                           | 2880-2910 rpm           |
|   | Enclosure class (IEC 34-5):            | IP55                    |
|   | Insulation class (IEC 85):             | F                       |
|   | Built-in motor protection:             | NONE                    |
|   | Cable included (Yes/No):               | N                       |
|   | Others:                                |                         |
|   | Terminal box position:                 | 12                      |
|   | Minimum efficiency index, MEI $\geq$ : | 0.52                    |
|   | Net weight:                            | 27.5 kg                 |
|   | Gross weight:                          | 30 kg                   |