



## The Smallest Pump Choice

### Alfa Laval GM and GM-A Centrifugal Pump

#### Application

The GM centrifugal pump is specially designed for food, chemical, pharmaceutical and other industries where acid resistant steel is required.

#### Standard design

##### GM:

Pump casing and shaft of acid-resistant steel 1.4404 (316L). Impeller of glass fibre reinforced nylon (max. 80°C). Studbolts and nuts for pump casing of stainless steel. Adaptor and collets of plastic.

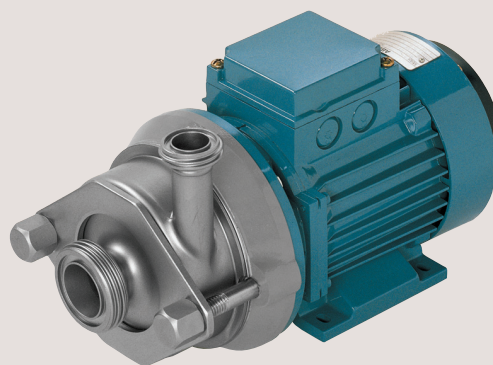
##### GM-A:

Pump casing, shaft and impeller of acid resistant steel 1.4404 (316L). Nuts, yoke and adapter of stainless steel.

Seals are made of Nitrile (NBR).

#### Shaft seal

Mechanical single seal with stationary seal ring of acid-resistant steel AISI 329 with sealing surface of silicon carbide, and with rotating seal ring of carbon.



#### TECHNICAL DATA

##### Motor

Standard foot-flanged motor acc. to IEC metric standard, 2 pol = 3000/3600 rpm. at 50/60 Hz, IP55 (with drain holes with labyrinth plug), insulation class F.

##### Motor size

50 Hz: . . . . . 0.55 kW.

#### OPERATING DATA

##### Pressure

Max. inlet pressure: . . . . . 400 kPa (4 bar).

##### Temperature range

GM: . . . . . -10°C to +80°C

GM-A: . . . . . -10°C to +140°C (EPDM)

##### Impeller diameter

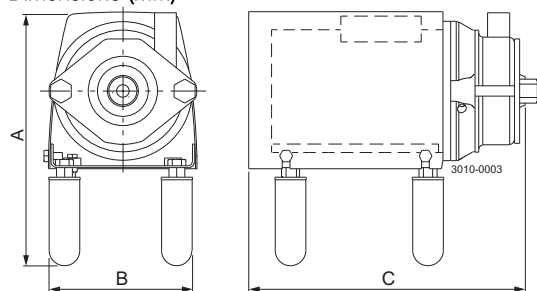
Impeller diameter: . . . . . 115 mm.

##### Weight

GM: . . . . . 11 kg.

GM-A: . . . . . 13 kg.

### Dimensions (mm)



### GM/GM-A

Motor	kW	0.55
A	min.	294
A	max.	324
B		171
C		307

### Options

- A. Impeller with reduced diameter.
- B. Fitted on stainless steel legs (3 legs).
- C. Shroud and adjustable legs (4 legs).
- D. Other voltage, frequency or flameproof motor.
- E. Inlet and outlet with flanges.
- F. Counter flanges, collars and seal rings for flanged connections.
- G. Product wetted seals of EPDM, Fluorinated rubber (FPM) or PTFE.
- H. Rotating seal ring of Silicon Carbide.

### Ordering

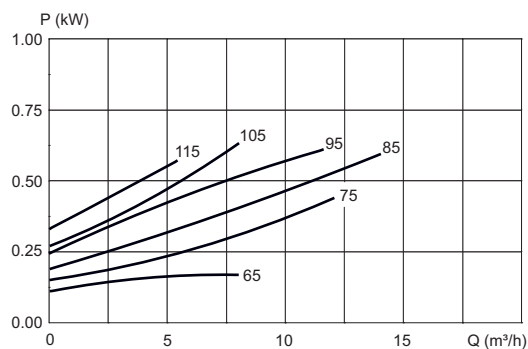
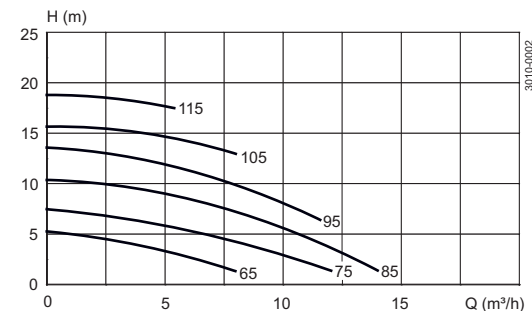
Please state the following when ordering:

- Pump type.
- Connections.
- Voltage and frequency.
- Flow rate, pressure and temperature.
- Density and viscosity of product.
- Options.

### Note!

For further details see also instruction ESE02002.

### Volumetric flow



Alfa Laval reserves the right to change specifications without prior notification. ALFA LAVAL is a trademark registered and owned by Alfa Laval Corporate AB.

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### How to contact Alfa Laval

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