

# The Smallest Pump Choice

## 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 resistant to the products to be pumped.

**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 1.4301 (304). Adaptor and collets of plastic.

**GM-A:**

As GM, but impeller of acid resistant steel 1.4404 (316L), nuts and yoke of stainless steel 1.4301 (304) and adaptor of cast iron. 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.