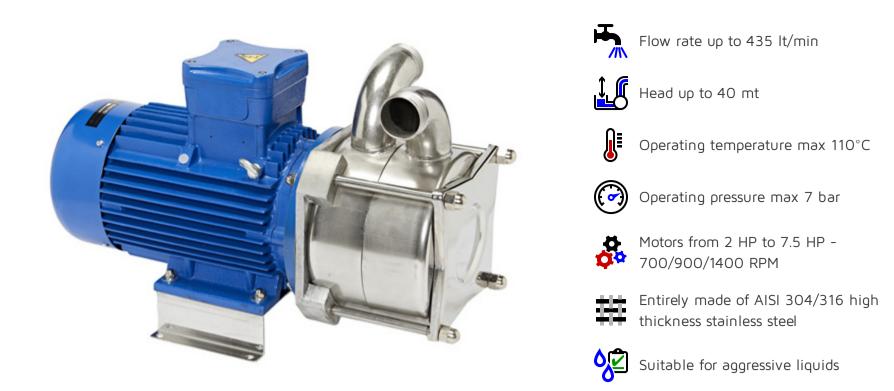
# **GIGAPAS** series

Liquid-ring self priming stainless steel pump for delicate or aggressive fluids



# Self-priming pump

Liquid-ring self priming pump able to handle liquids with dissolved gases and to operate at a depth of up to 6 metres

#### Reduced speed

The low speed motor ensures a gentle pumping action for delicate or viscous liquids

#### High hydraulic head

The high efficiency of the pump allows high hydraulic heads to be achieved despite the use of low speed motors



### High thickness pump casing

High thickness steel (4mm) which ensures a higher mechanical and corrosion resistance, and therefore a longer life

#### Flammable liquids

For handling flammable liquids, explosion proof motors compliant with Atex standards are supplied

## Flow reversibility

On request, a motor that can reverse its direction of rotation is supplied, to ensure full flow reversibility

#### Stainless steel impeller

The impeller is made from microcasting of AISI 304 or 316 stainless steel. Its shape has been optimised to ensure a high hydraulic efficiency



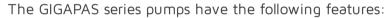


#### Maximum hygiene

The pump casing is internally and externally polished to ensure the highest level of hygiene. In addition, the internal surfaces are smooth and with no sharp edges to provide a high hydraulic efficiency



To ensure a greater safety, the pumps with Atex motors are fitted only with motors certified to operate in more hazardous environments (zone 2 category 2G), although the pump is classified for zone 2 category 3G



- Priming at a depth of up to 6 m with the pump filled
- Flow reversibility
- Suitable for handling aggressive liquids
- The low speed motor ensures a gentle pumping action for delicate or viscous liquids
- High thickness steel (4 mm) which ensures a higher mechanical and corrosion resistance, and therefore a longer life
- High hydraulic efficiency
- Explosion proof motors can be provided to pump flammable liquids
- Microcast impeller from AISI 304/306 stainless steel
- Mechanical seal with NBR, FPM or PTFE elastomers

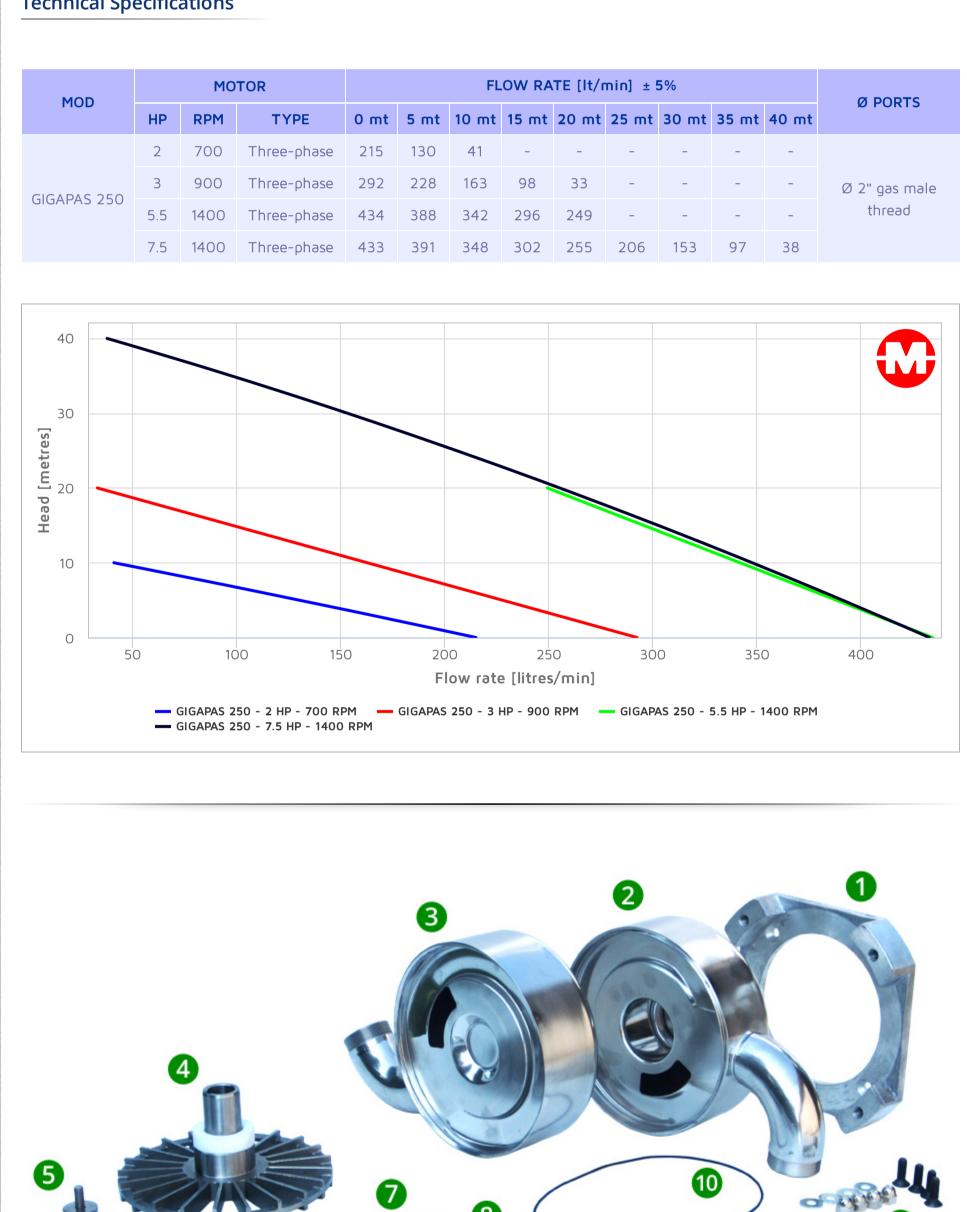
Their resistance to chemical aggression makes them suitable for the chemical, pharmaceutical and textile industry, while their versatility makes them suitable for the **wine-food** industry.

On request, pumps can be supplied on a stainless steel carriage fitted with a switch/rotation direction inverter.

The pumps can also be supplied with DIN 11851, Garolla or Macon fittings.

# **Technical Specifications**

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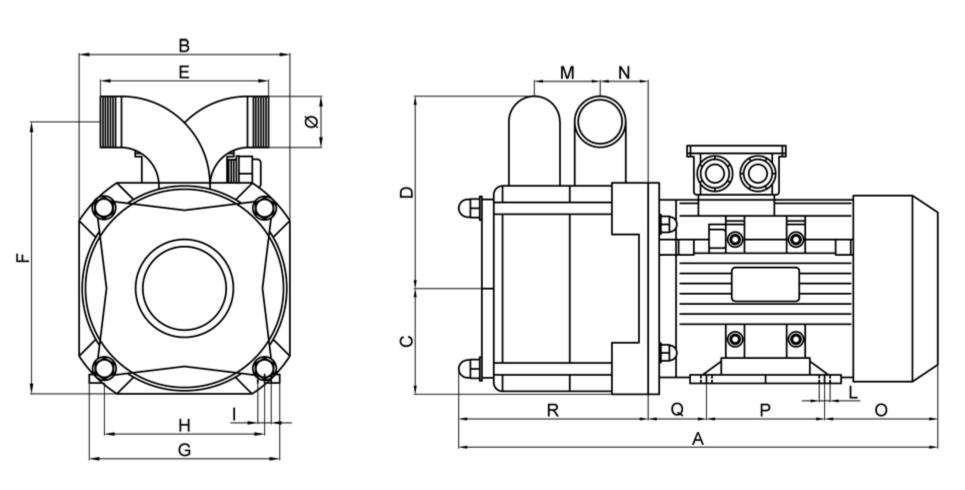
REF	DESCRIPTION	MATERIALS	REF	DESCRIPTION	MATERIALS				
1	Flange	Aluminium	7	Seal Fixed Part	Ceramic, NBR or FPM or PTFE				
2	Casing Delivery Side	AISI 304 or 316 Stainless Steel	8	Seal Rotating Part	Graphite, Stainless Steel, NBR or FPM or PTFE				
3	Casing Suction Side	AISI 304 or 316 Stainless Steel	9	Tie Rods	Stainless Steel				
4	Impeller	AISI 304 or 316 Stainless Steel	10	Body Seal Ring	NBR or FPM				
5	Impeller Screw	Stainless Steel	11	Tie Rods Nuts	Stainless Steel				
6	Flange	Stainless Steel	12	Nuts and Washers	Steel				

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	MOD	MOTOR			Dimensions [mm]														a	
		HP	RPM	Α	В	С	D	Е	F	G	н	1	L	М	Ν	0	Ρ	Q	R	Ø
	GIGAPAS 250	2	700	568	250	125	228	200	323	226	190	16	13	78	57	134	140	69	225	2"
		3	900																	
GIGA		5.5	1400																	
		7.5	1400																	