- Flow rate up to 600 lt/min
- *Head up to 25 mt*
- Operating temperature max 70°C
- Operating pressure max 3 bar
- Motors from 0.4 HP to 6 HP - 700/900/1400 RPM
- AISI 304 high thickness stainless steel pump casing and synthetic rubber impeller
- Suitable for viscous liquids with suspended solids

Self-priming pump

The special design of the pump casing ensures an immediate suction, even when running dry, up to a depth of 5/6 metres

Delicate pumping action

The low speed motor ensures a gentle pumping action for delicate liquids, and a continuous and regular flow

Suitable for viscous liquids

The shape of the impeller allows the pump to handle viscous fluids with suspended solids

High thickness pump casing

High thickness steel (3/4mm) which ensures a higher mechanical and corrosion resistance, and therefore a longer life

Easy to dismantle

The cleaning and replacement of the mechanical seal and of the impeller are incredibly simple as the pump can be taken apart with ease

Flow reversibility

The direction of rotation of the motor can be reversed to ensure a total flow reversibility, with identical performance for both directions of rotation

Pump casing formed as a single piece

All pump casings are constructed from high thickness stainless steel sheet metal, which ensures quality and long life. The pump casings undergo continuous quality controls of the welds and are internally and externally polished to ensure the highest level of hygiene

Impeller made of non-toxic rubber

The impeller is made of synthetic rubber (Neoprene or EPDM) and is entirely non-toxic and resistant to several acids. The Neoprene impeller complies with the American FDA regulations related to the handling of food grade liquids

The G series pumps have the following features:

- Immediate priming at a depth of up to 5 metres, even when running dry
- Flow reversibility
- Low speed motor, which ensures a gentle pumping action for delicate liquids
- Continuous and regular pumping action
- Capacity to handle viscous and solid-laden liquids
- High thickness steel (3/4mm) which ensures a higher mechanical and corrosion resistance, and therefore a longer life
- Monobloc pump casing casting for higher strength and a better seal
- The cleaning and replacement of the mechanical seal and of the impeller are incredibly simple as the pump can be taken apart with ease
- Flexible impeller made of entirely non-toxic synthetic rubber (Neoprene or EPDM) and resistant to different acids

- Mechanical seal made of NBR-graphite or NBR-tungsten carbide

These features make these pumps exceptionally versatile. They can be used in the **chemical-pharmaceutical industry** (starch, wax, water-based glues, creams, cleaners, glycerine, glycols, latex, vegetable and animal fats, liquid soaps, syrups, shampoos, industrial water treatment, paints) and in the **wine-food industry** (beer, butter, melted cheese, glucose, milk and condensed milk, jam, honey, must, oil, cream, tomato sauce, fruit juices, eggs, yogurt, wine, destemmed grapes, liquid sugar).

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

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

Technical Specifications

MOD	MOTOR				FLOW RATE [lt/min] ± 5%						Ø PORTS
	HP	KW	RPM	TYPE	2 mt	5 mt	10 mt	15 mt	20 mt	25 mt	
G/60	0.4	0.3	700	Three-phase	35	33	29	24	11	-	Ø 1 ¼" gas male thread or Ø 40mm couplings
	0.75	0.55	900	Three-phase	56	53	47	40	26	-	
	1	0.75	1400	Three-phase	76	73	67	61	52	40	
	1	0.75	1400	Single-phase	76	73	67	61	52	40	
G/90	1	0.75	700	Three-phase	79	74	64	53	40	20	Ø 1 ½" gas male thread or
	1.5	1.1	900	Three-phase	106	101	93	82	68	41	

MOD	MOTOR				FLOW RATE [lt/min] ± 5%						Ø PORTS
	HP	KW	RPM	TYPE	2 mt	5 mt	10 mt	15 mt	20 mt	25 mt	
	1.5	1.1	900	Single-phase	106	101	93	82	68	41	Ø 50mm couplings
	2.5	1.8	1400	Three-phase	171	164	151	135	115	84	
G/120	3.5	2.6	700	Three-phase	211	204	192	178	162	141	Ø 2" gas male thread or Ø 60mm couplings
	4	3	900	Three-phase	280	272	257	241	222	200	
	6	4.5	1400	Three-phase	435	428	415	403	391	378	
G/200	3.5	2.6	700	Three-phase	422	393	341	279	200	-	Ø 2" gas male thread or Ø 60mm couplings
G/200.1	5	3.7	700	Three-phase	602	560	483	398	301	-	Ø 2 ½" gas male thread or Ø 80mm couplings