

BG SERIES

SELF-PRIMING CENTRIFUGAL PUMPS

Close-coupled centrifugal pumps with built-in ejector system, designed to remain primed even in the presence of water-dissolved gases. The extensive use of pressed stainless steel ensures a high-performance, durable and lightweight pump.

- ❑ **"GARDEN" VERSION AVAILABLE WITH HANDLE, TERMINAL BOX WITH INCORPORATED SWITCH AND 2 m CABLE WITH PLUG**
- ❑ **EXTENSIVE USE OF AISI 304 OR AISI 316 STAINLESS STEEL**
- ❑ **IP 55 MOTOR PROTECTION**

APPLICATIONS

- Water handling for domestic use.
- Lawn sprinkling.
- Composition of surge tank units for pressure boosting in various applications.
- Washing and transfer.

SPECIFICATIONS

- **Delivery:** up to **70 l/min (4,2 m³/h).**
- **Head:** up to **53 m.**
- **Maximum operating pressure: 8 bar.**
- **Maximum total lift 8 m** (1¹/₄ suction pipe and foot valve for water at 20°C).
- **Continuous duty.**
- **Temperature of pumped liquid: -10°C to +40°C.**
- **Max ambient temperature: 40°C.**
- Enclosed motor with external ventilation and **aluminium alloy finned casing.**
- Versions:
 - Single-phase** 220-240 V 50 Hz, permanently connected capacitor and built-in automatic reset overload protection.
 - Three-phase** 220-240/380-415 V 50 Hz, thermal overload protection to be provided by user.
- Power up to 1.1 kW.
- Class **F Insulation.**
- **IP 55 protection.**



TABLE OF MATERIALS

PART	MATERIAL
Pump body, seal-housing, Impeller	STAINLESS STEEL (AISI 304 – DIN 1.4301)
Diffuser, Ejector	THERMOPLASTIC MATERIAL SUITABLE FOR HANDLING DRINKING WATER
Shaft extension	STAINLESS STEEL (AISI 316 – DIN 1.4571)
Fill and drain plugs	NICKEL-PLATED BRASS
Mechanical seal	CARBON/CERAMIC/NBR
O-ring seals	NBR

**BG SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz**

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Maximum delivery depends on geodetic suction lift with clean 8 m pipe and 1 1/4" foot valve.))*
 These performances are valid for liquids with density = 1.0 kg/dm³ and kinematic viscosity = 1 mm²/sec.

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* Maximum value in specified range **\$ % %!

