

STAINLESS STEEL THREADED CENTRIFUGAL PUMPS

Wide range of pumps for domestic and industrial applications. Single-impeller (GCEA) and dual-impeller (GCA) models available.

- IN THE STANDARD VERSION ALL COMPONENTS IN CONTACT WITH THE PUMPED LIQUID ARE MADE OF STAINLESS STEEL (AISI 304 OR AISI 316)
- IP 55 MOTOR PROTECTION



APPLICATIONS

- **Handling of liquids compatible with AISI 304 stainless steel in a wide variety of civil and industrial systems.**
- Water circulation for domestic use.
- Sprinkler systems.
- Composition of surge tank units for pressure boosting in various applications.

SPECIFICATIONS

- **Single-impeller GCEA series, dual-impeller GCA series.**
- **Delivery : up to 31 m³/h.**
- **Head : up to 62 m.**
- **Maximum operating pressure : 8 bar.**
- **Continuous duty.**
- **Temperature of pumped liquid: -10°C to 85°C (special GCEA-V GCA-V version, with O-ring or FPM seals, is available for temperatures up to +110° C).**
- Enclosed motor with external ventilation and aluminium alloy finned casing.
- Versions:
Single-phase 220-240V 50Hz, permanently connected capacitor and built-in automatic reset overload protection up to 1,5 kW
Three-phase 220-240/380-415V 50Hz, overload protection to be provided by user.
- Power up to 3 kW.
- Class **F Insulation.**
- **IP 55 protection.**

TABLE OF MATERIALS

| PART | MATERIAL | |
|---|---|---|
| | GCEA | GCA |
| Pump body, Flange, Seal housing, Diffuser, Impeller | STAINLESS STEEL (AISI 304 - DIN 1.4301) | |
| Shaft extension | STAINLESS STEEL (AISI 316 - DIN 1.4401) | STAINLESS STEEL (AISI 304 - DIN 1.4301) |
| Fill and drain plugs | STAINLESS STEEL (AISI 316 - DIN 1.4401) | |
| Mechanical seal | CARBON/CERAMIC/NBR | |
| O-ring seals | NBR | |