

# CEA(N)-CA(N) SERIES

## STAINLESS STEEL THREADED CENTRIFUGAL PUMPS

Wide range of pumps for domestic and industrial applications.

Single-impeller (CEA) and dual-impeller (CA) models available.

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

### APPLICATIONS

#### AISI 304 STANDARD VERSION

- **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.

#### "N" VERSION MADE OF AISI 316 (FOR AGGRESSIVE LIQUIDS)

- Reverse osmosis (where demineralized water is used).
- Industrial washing.
- Thermal waters.
- Chlorine dispensing in swimming pools.
- Jewellery industry.
- Wine production.

### SPECIFICATIONS

- **Single-impeller CEA series, dual-impeller CA series.**
- **Delivery:** up to **31 m<sup>3</sup>/h.**
- **Head:** up to **62 m.**
- **Maximum operating pressure: 8 bar.**
- **Continuous duty.**
- **Temperature of pumped liquid: -10°C to 85°C (special CEA-V CA-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** 220-240 V 50 Hz, permanently connected capacitor and built-in automatic reset overload protection up to 1,5 kW.



**Three-phase** 220-240/380-415 V 50 Hz, overload protection to be provided by user (except for 2,2 kW version).

- Power up to 3 kW.
- **Class F Insulation.**
- **IP 55 protection.**

### TABLE OF MATERIALS

#### CEA-CA

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

#### CEA(N)-CA(N)

PART	MATERIAL
Pump body, Flange, Seal housing, Diffuser, Impeller	STAINLESS STEEL (AISI 316L - DIN 1.4404)
Shaft extension	STAINLESS STEEL (AISI 316 - DIN 1.4401)
Fill and drain plugs	STAINLESS STEEL (AISI 316 - DIN 1.4401)
Mechanical seal	CARBON/CERAMIC/EPDM
O-ring seals	EPDM

