



IN-LINE ELECTRIC PUMPS

In-line electric pumps with cast iron pump body, AISI 316L stainless steel impeller entirely welded using laser technology (for models with 40, 50 and 65 nominal port diameter). Suitable for handling hot or cold moderately aggressive liquids.

APPLICATIONS

- Circulation of hot and cold water for heating and conditioning systems.
- Water pumping in the civil, industrial and agricultural sectors.
- Water supply systems in rural applications.

AVAILABLE MODELS

- **GFCE** : close-coupled with special motor shaft extension.
- **GFCS** : with stub shaft and standardised motor.

SPECIFICATIONS

- **Maximum delivery: 190 m³/h.**
- **Maximum head: 90 m.**
- Continuous duty.
- Pumped liquid **temperature: -20°C to 130°C.**
- **Maximum operating pressure: 12 bar (PN 12).**
- **Port nominal diameter: up to 100 mm.**
- **Impeller nominal diameter: up to 250 mm.**
- **Mechanical seal in compliance with (ex DIN24960), lubricated by internal recirculation of pumped liquid.**
- **Flanged suction and delivery ports** (in compliance with EN 1092-2).
- **Bleed valve available on all models.**

- IP 55 protection.
- Class F insulation.
- 2- and 4-pole versions
- 50 and 60 Hz motor frequencies.
- **Version with AQUAVAR frequency converter (variable speed) available on request.**
- **For in-line twin pumps contact Goulds Pump sales network.**

TABLE OF MATERIALS

PART	MATERIAL
Pump body	200 CAST IRON (UNI ISO 185)
Impeller	STAINLESS STEEL* (AISI 316L - DIN 1.4404)
Wearing Counter wearing Shaft	STAINLESS STEEL (AISI 316 - DIN 1.4571)
Seal housing	200 CAST IRON (UNI ISO 185)
Adapter	200 CAST IRON (UNI ISO 185)**
Mechanical seal	CERAMIC/CARBON/EPDM
O-Rings	EPDM
Fill/drain plugs	NICKEL-PLATED BRASS
Base (optional)	ALUMINIUM

* Cast iron versions: DN 80 and DN 100
 ** Aluminium versions: 40/50 - 125 2/4 poles
 40/50 - 160 2/4 poles

IDENTIFICATION CODE

