

Looking ahead,
going beyond expectations
Ahead > Beyond



GSD

Product Catalog 50Hz



New EN733 standardized electric pumps

GSD Series is the new range of Standardized pumps manufactured according to EN733 with stub shaft and rigid coupling, versatile and suitable for a lot of applications with significant advantages in terms of reliability, efficiency and cost saving.

These are single-stage cast iron electric pumps with impeller in cast iron and bronze, flanges from DN 32 up to DN 150, all PN16; all components in contact with the water flow are cathodolysis-coated for high corrosion resistance and long service life.

The motors are available with 2 or 4 poles, 50 Hz, with IE3 efficiency class, with powers ranging from 1.1 kW to 90 kW, which can be coupled with inverters to achieve greater energy saving.

All this makes GSD a range suitable for the heaviest and most demanding applications, for handling clean water for residential, commercial, agricultural and industrial use, pressure booster sets, heating and air-conditioning systems. Also used for irrigation on farms, sports centres, washing systems.



High efficiency



Back pull-out design



Sturdy construction



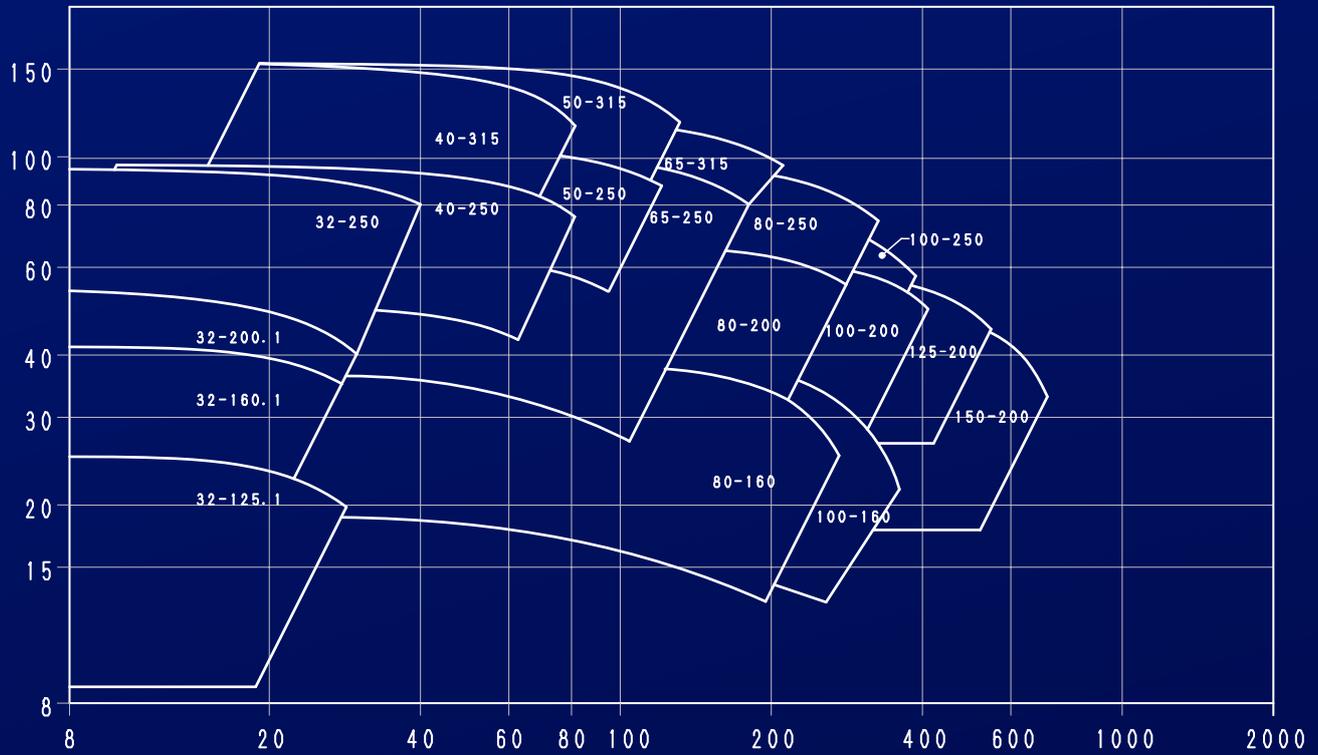
Available with cast iron and bronze impeller

TECHNICAL DATA

Max working pressure	16 bar
Max temperature of the liquid	-10°C ÷ 120°C
MEI	> 0,4
Poles	2 and 4
Insulation class	F
Protection degree	IP55
Voltage	Three phase 3~230/400V ±10% (up to 4 kW) Three phase 3~400/690V ±10% (from 5,5kW and above)

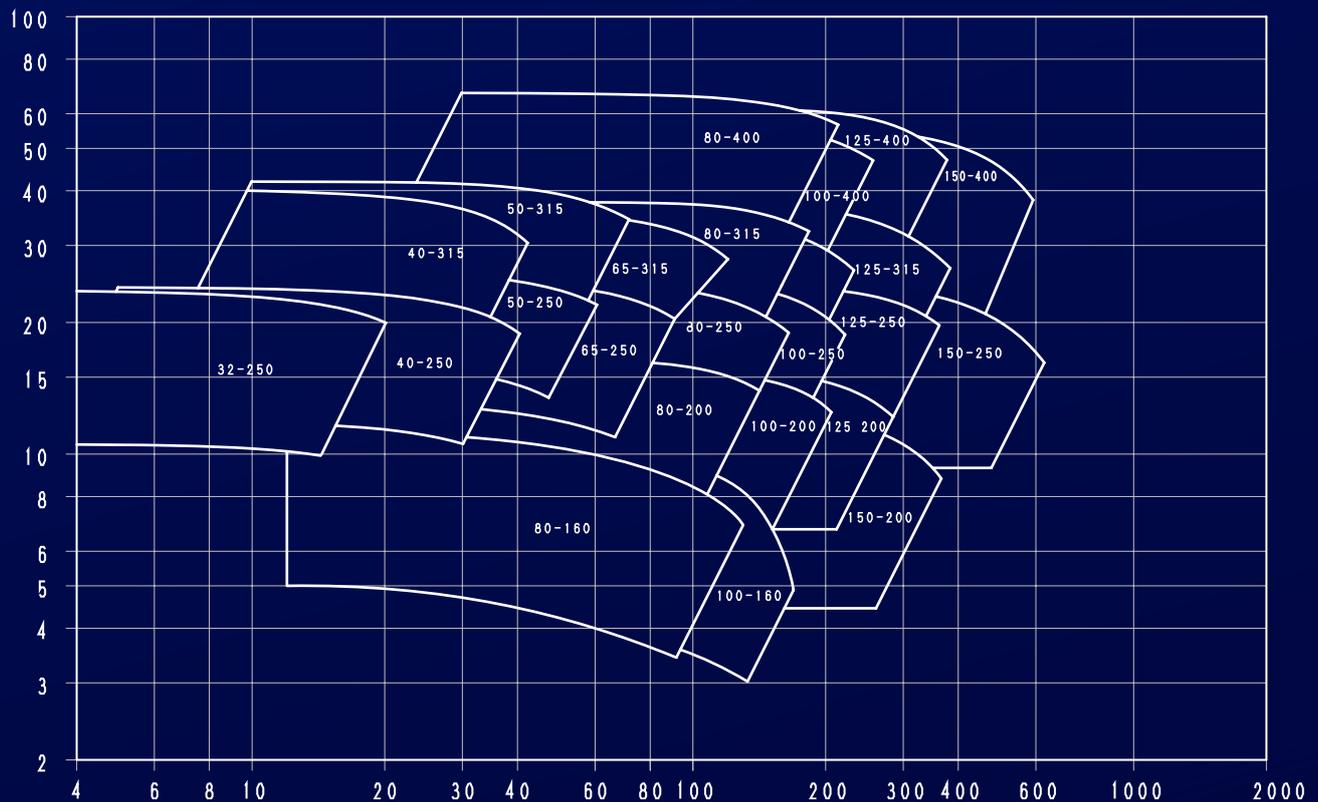
GSD2

2 Poles 50Hz



GSD4

4 Poles 50Hz



Fields of application



INDUSTRY

- **Semiconductor Industry**
Pure water
- **Food industry**
General water (Cooling water,
Recycling water, Filtered water)
Cleaning in place
- **Pulp and Paper Industry**
Water
- **Automobile industry**
Water (without slurry)
- **Steel industry/Not ferrous metal industry**
Cooling Water
Cooling Water with glycol (30%)
- **Garbage incineration**
Cooling Water
Deaerator
Condensate water
- **Pressurization for industrial use**



BUILDING SERVICE

- **Pressurization for buildings**
- **Heating and cooling systems**
- **Air conditioning system**



WATER SUPPLY

- **Water supply duties for municipalities**
- **Irrigation**
- **Agriculture**
- **Swimming pool**



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