

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 cathaphoresis-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**



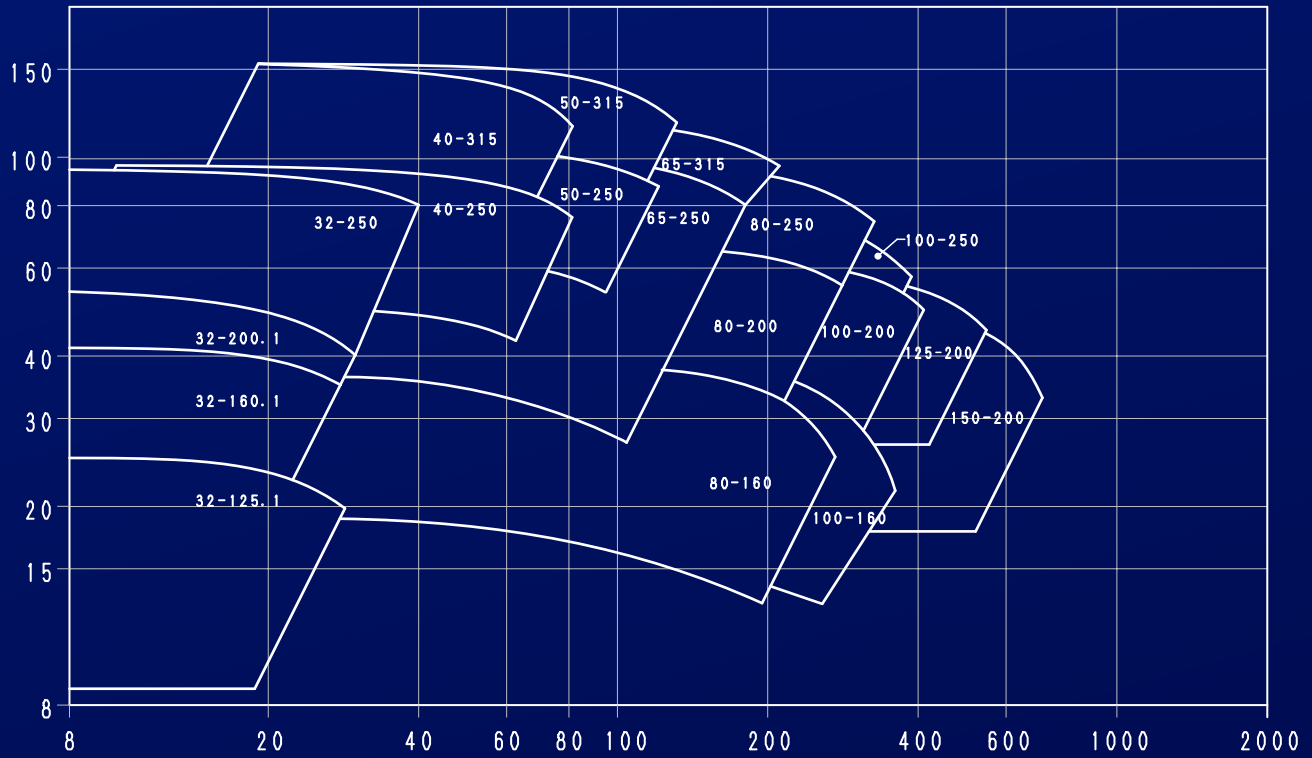
**Available with cast iron and bronze impeller**

## TECHNICAL DATA

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

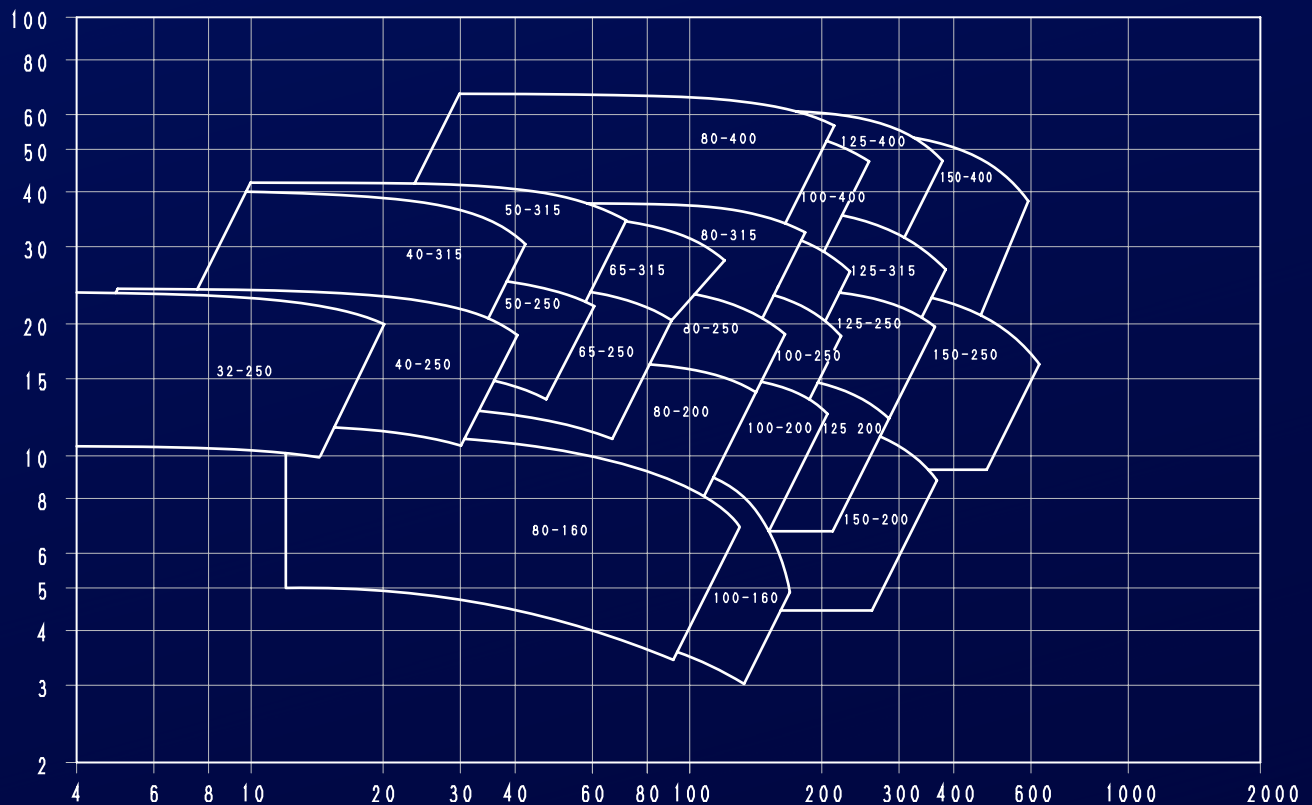
# GSD2

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  
Deaerater  
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**



**EBARA Pumps Europe S.p.A.**  
Via Torri di Confine 2/1 int. C  
36053 Gambellara (Vicenza), Italy  
Phone +39 0444 706811  
ebarapumps.epe@ebaracom  
www.ebaraeurope.com

**EBARA Pumps Europe S.p.A. GERMANY**  
Elisabeth-Selbert-Straße 2  
63110 Rodgau, Germany  
Phone +49 (0) 6106-660 99-0  
info.epde@ebaracom

**EBARA Pumps South Africa (PTY) LTD**  
26 Kyalami Boulevard, Kyalami Business Park,  
1684, Midrand, Gauteng, South Africa  
Phone +27 11 466 1844  
ebarapumps@ebaracom

**EBARA Pumps Europe S.p.A. UK**  
Unit A, Park 34  
Collett Way - Didcot  
Oxfordshire - OX11 7WB, United Kingdom  
Phone +44 1895 439027  
marketing.epuk@ebaracom

**EBARA Pumps Europe S.p.A. FRANCE**  
122, Rue Pasteur  
69780 Toussieu, France  
Phone: +33 04 72 76 94 82  
mktg.epr@ebaracom

**EBARA Pumps East Africa**  
Delta Corner Tower 2, 13th Floor, Office 1308,  
Chiromo Road, Westlands  
P.O. Box 13796-00800, Nairobi  
Phone: +254(0)722913119  
info.epea@ebaracom

**EBARA POMPY POLSKA Sp. z o.o.**  
ul. Działkowa 115 A  
02-234 Warszawa, Poland  
Phone +48 22 3909920  
marketing.epl@ebaracom

**EBARA Pumps RUS Ltd.**  
Prospekt Andropov 18, building 7, floor 11  
115432 Moscow  
Phone +7 499 6830133  
mktg.epr@ebaracom