Model GS - Standardised end suction pumps

Product Catalogue
We believe that innovation is an ancient art rooted in true and lasting values: strength, balance, integrity and honesty. And we are here to prove it, yet again.

GS is a new range and it sums up the values that we, from EBARA Pumps Europe, strongly believe in. It stands for our commitment to research, our ambition to keep raising the bar and our fierce determination never to stop bettering ourselves. With the GS series, our brand adds another string to its bow and delivers new solutions to tackle the toughest challenges, even under adverse and hostile operating conditions. Reliable, efficient, strong and achievement-driven, GS came into being with these characteristics.
**Efficient, simple and versatile.**

**Pump type**
Standardised horizontal single stage pump - End suction and electropump version

**Model range**
From DN 32 up to DN 200

**Temperature range**
From -10°C up to +120°C

**Maximum operating pressure**
16 bar

**Material versions**
- Pump body: cast iron
- Impeller: cast iron, ductile cast iron, bronze
- Seal: - Mechanical type (SiC/Carbon/EPDM),
  - Gland Packing (Silicon Carbide fiber)

**Regulations**
Compliant to ErP 547/2012 (MEI index > 0.4) and 640/2009 (IE3 motor efficiency)
EBARA Pumps Europe

END SUCTION & PUMP SET LAYOUT
EBARA GS models are available both in end suction version and in complete motor pumpset version, with motor power up to 355 kW. Available motors are 2 or 4 poles, 50Hz, IE3 efficiency class, inverter driveable.

BACK PULL OUT DESIGN AND SHIELD BEARINGS
This structure enables disassembly and inspection GS pump without removing suction and discharge pipeline. Shield bearings eliminate need to add or change lubricating oil as well. GS make your maintenance easier and faster.

SEAL SOLUTIONS
Seal is available in two different solutions:
- Mechanical seal SiC/Carbon/EPDM for liquid temperature up to 120°C
- Gland packing seal which guarantees wear resistance and allows to monitor visually seal of whole pumpset.

IMPELLER SOLUTIONS
All models of GS family are available with impeller made of cast iron or bronze material, to ensure the best solution for your application.

BRONZE WEAR RINGS
To ensure a long life service and assure highest hydraulic efficiency in the market, GS includes bronze replaceable wear rings as standard.

PUMP BODY PROPERTIES
Pump bodies of GS family are made in cast iron and comply to EN733 regulation. Thus, dimensionally, all GS models are interchangeable with competitor’s pumps. Additionally flanges are PN 16 (regulation EN 1092-1) allowing GS pump to be suitable for heavy application fields.

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We strive towards only one goal: perfection.

Our product culture: to gather all the greatest advantages into one single solution.

The new GS pumps unite top technical and performance features in one single solution: an extensive range (from DN 32 to size DN 200-500), variety of available materials, ease of maintenance and hydraulic efficiency - all made even better by an ability to interact with EBARA’s electronic solutions.

GS is the ideal solution for applications in industrial processes, for cooling, air-conditioning, pressurisation and fire-fighting systems. Quality standards guaranteed by a brand with over 100 years’ experience and a clear vision of what the future holds.
Fields of application

INDUSTRY
EBARA offers a wide range of solutions thanks to the extensive experience in the business of electric pumps, developed for more than 100 years, and to the great knowledge of the performance and specifications of stainless steel, a material that perfectly fits various industrial applications. Added to this, the company is able to adapt its solutions to different needs, creating a wide range of “tailored” products and ensuring to customers not only a product, but most of all a pumping system and an efficient and reliable service.

BUILDING SERVICE
HVAC, pressure boosting, fire fighting
Comfort, well-being and safety are the main necessities that everybody wants to satisfy in his home environment, in his workplace and in his free time. An advanced climate control system, simple and effective in providing heat or to satisfy in his home environment, in his workplace and in his free time. An advanced climate control system, simple and effective in providing heat or efficiency, while respecting the environment.

WATER SUPPLY
Municipal/Residential works, agriculture and irrigation, pressure boosting
Water distribution and treatment is the basic condition for human life, from civil applications to use for agriculture. For this reason EBARA knows to have a great responsibility towards people and environment, and the company constantly works to meet the water needs with great efficiency, while respecting the environment.