



Japanese Technology since 1912

## Model GS - Standardised end suction pumps

## Product Catalogue





**Japanese Technology since 1912**

[www.ebara-europe.com](http://www.ebara-europe.com)

A person is shown from the waist down, in a starting crouch on a sandy surface. Their legs are spread wide, and their hands are on the ground, with fingers spread. The person is wearing a light-colored, possibly white, garment. The background is dark and out of focus.

**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

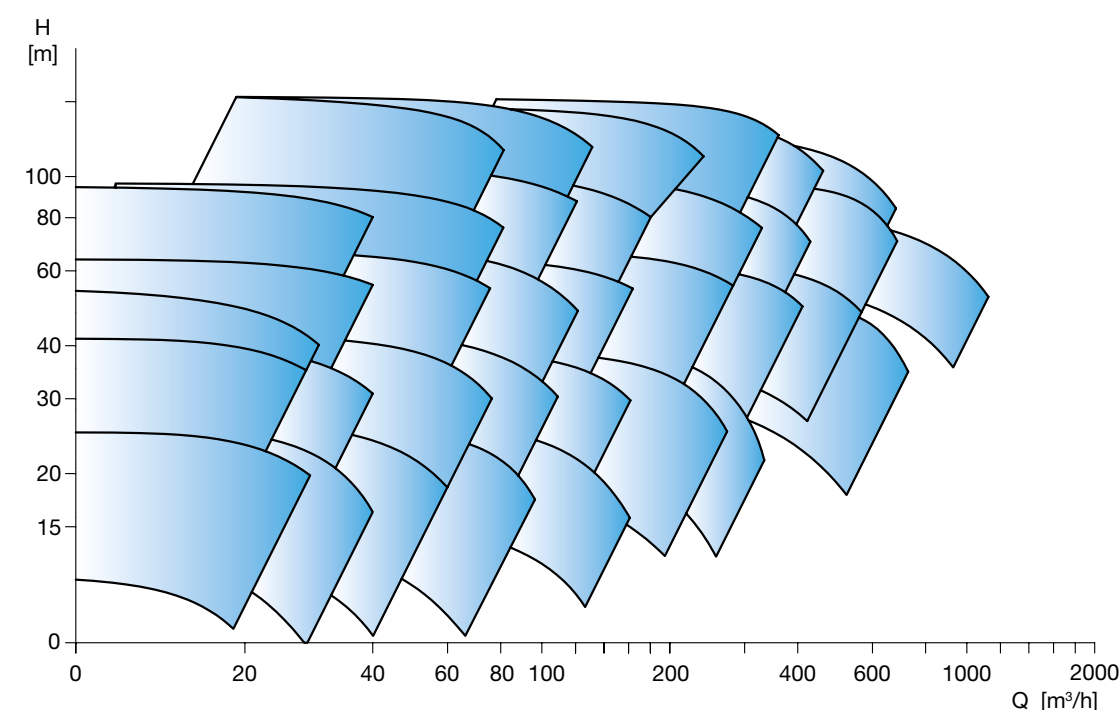
Pump body: cast iron | Impeller: cast iron, ductile cast iron, bronze | Seal: - Mechanical type (SiC/Carbon/EPDM),  
- Gland Packing (Silicon Carbide fiber)

## Regulations

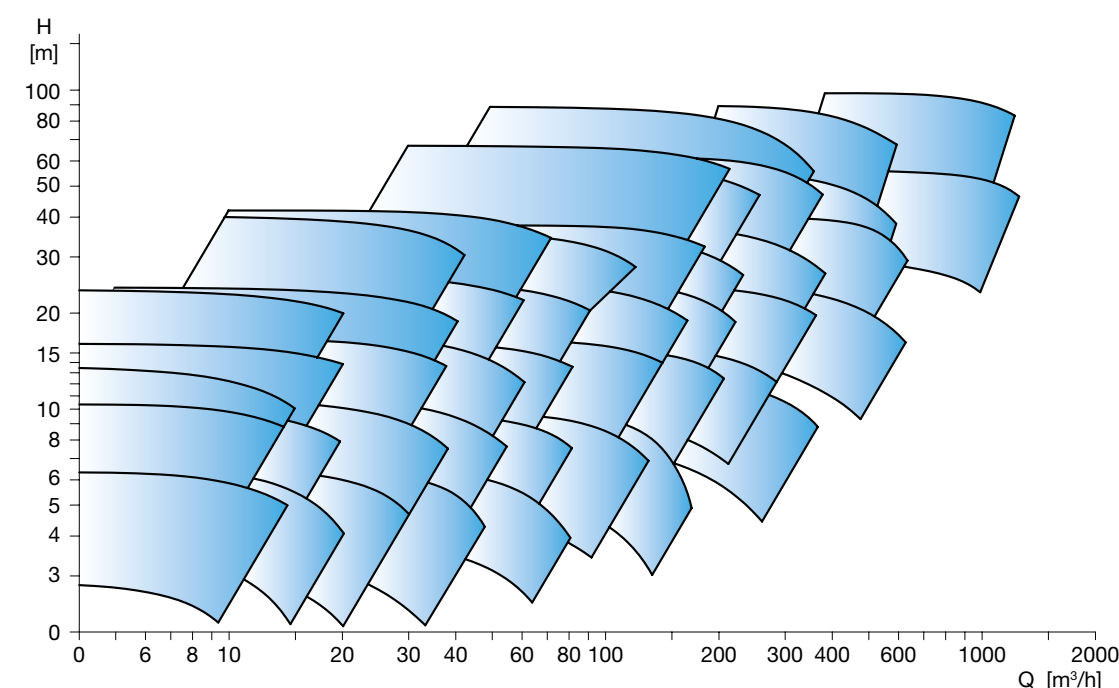
Compliant to ErP 547/2012 (MEI index > 0,4) and 640/2009 (IE3 motor efficiency)

# Performance Chart

## 2 Poles



## 4 Poles



## BRONZE WEAR RINGS

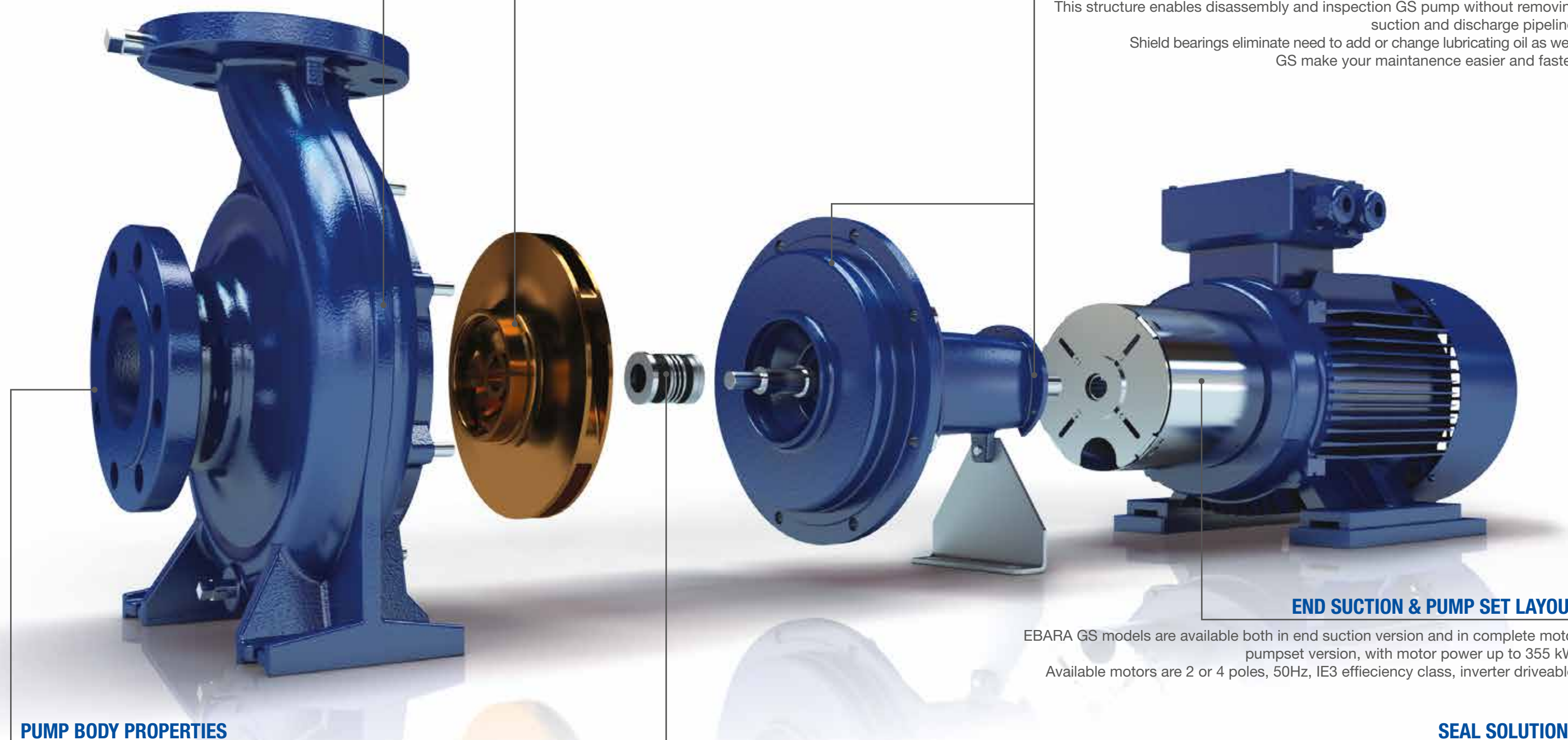
To ensure a long life service and assure highest hydraulic efficiency in the market, GS includes bronze replaceable wear rings as standard.

## 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.

## 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.



## 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.

## 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.

## 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.

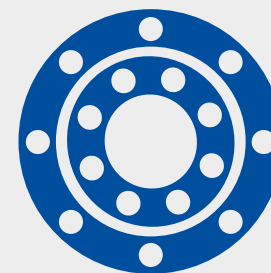


**We strive  
towards only one goal:  
perfection.**

**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.



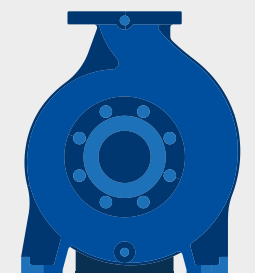
**WIDE  
RANGE**



**QUICK  
MAINTENANCE**



**ELECTRONIC  
SOLUTIONS**



**HIGH  
EFFICIENCY**



# 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 cold in the various situations, water management in all domestic environments without waste, and an always reliable security system in case of fire: these are just some of the applications for centrifugal pumps. EBARA Pumps Europe is able not only to provide the right product for these instances, but above all to ensure comfort, reliability and cost savings throughout all the period pumps are used.



## WATER SUPPLY

### Municipal/Residential water 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.

# EBARA Pumps Network

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