

# S SERIES

## SUBMERSIBLE PUMPS FOR 8" - 10" - 12" WELLS

### APPLICATIONS

- Water supply from deep wells.
- Irrigation.
- Pressure boosting.
- Fire-fighting.
- Mines.

### SPECIFICATIONS

- Multistage submersible electric pumps (with radial and semi-axial impellers).
- **Delivery:** up to **580 m<sup>3</sup>/h** (end of curve).
- **Head:** up to **450 m.**
- **Power:** up to **400 kW - 540 HP.**
- Standard models can pump clean, non-corrosive water (models for corrosive or salt water are available on request).
- **Maximum water temperature: 25°C** (higher temperatures on request)
- **Maximum sand content: 25 g/m<sup>3</sup>.**
- **Vertical or horizontal operation.**
- Built-in non-return valve.
- Coupling and flange dimensions meet NEMA specifications

**For more information please contact our sales network.**



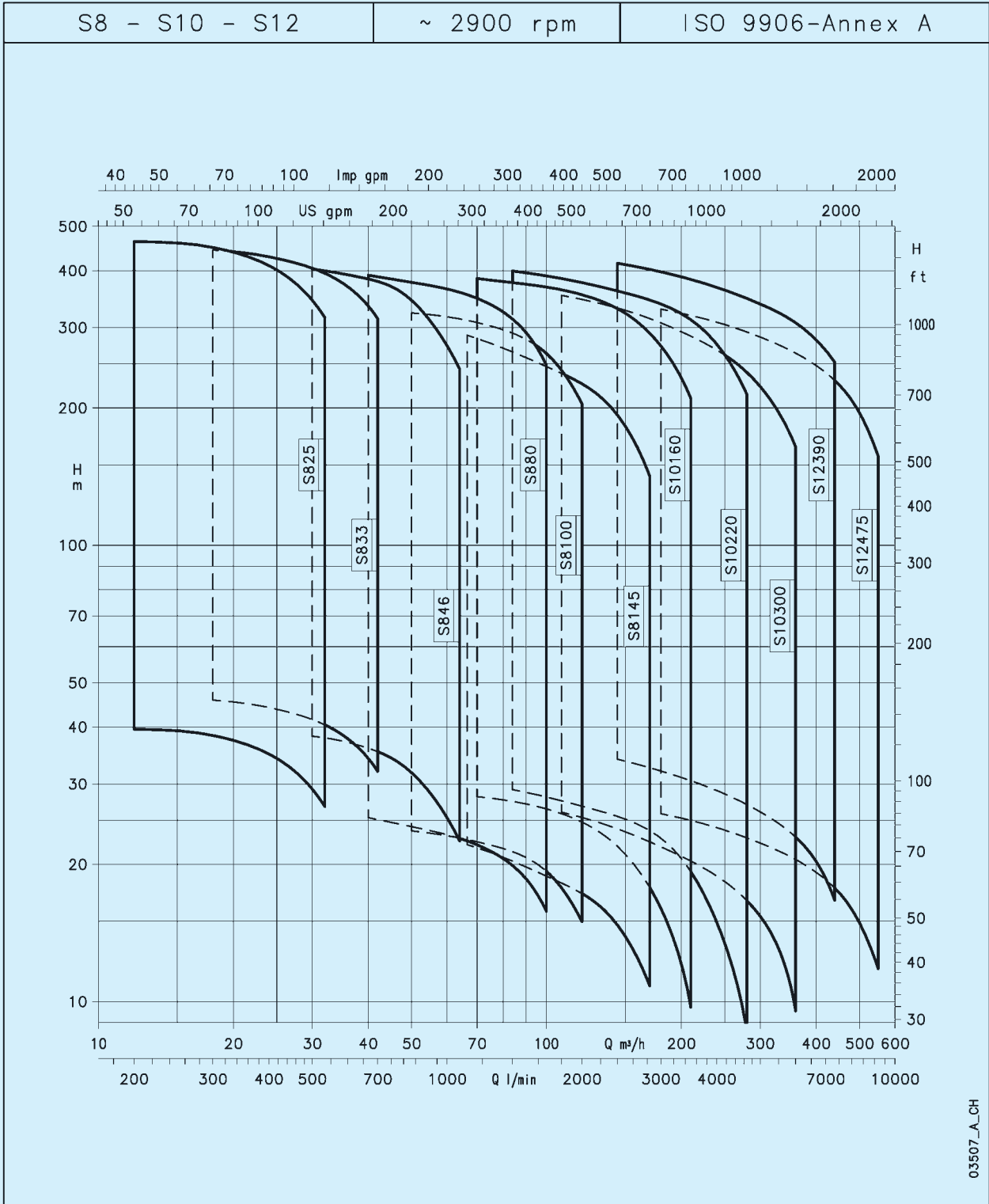
### TABLE OF MATERIALS

PART	MATERIAL *			
	GB VERSION	STANDARD VERSION	GB 10" VERSION	B VERSION
Impeller	Bronze (G-CuSn10)	Cast iron (GG 25)	Bronze (G-CuSn10)	Bronze (G-CuSn10)
Diffuser	Cast iron (GG 25)	Cast iron (GG 25)	Cast iron (GG 25)	Bronze (G-CuSn10)
	Bronze (G-CuSn10)			
Motor support - Pump suction	Cast iron (GG 25)	Cast iron (GG 25)	Cast iron (GG 25)	Bronze (G-CuSn10)
	Bronze (G-CuSn10)			
Shaft	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
	Steel			

\* GB = Cast iron - Bronze

\* B = Bronze

## S SERIES OPERATING CHARACTERISTICS AT 2900 rpm, 50 Hz



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These performances are valid for liquids with density  $\rho = 1.0 \text{ kg/dm}^3$  and kinematic viscosity  $\gamma = 1 \text{ mm}^2/\text{sec}$ .