



BSP SS

6" TO 10" STAINLESS STEEL SUBMERSIBLE PUMPS



SAFE

Full stainless steel construction of diffusers, impellers, suction and delivery flanges. The extensive use of stainless steel for most of the parts in contact with the pumped liquid minimize the risk of water contamination



STRONG

The use of high resistance materials and the solid mechanical design guarantee a long-lasting maintenance-free working life



RELIABLE

The whole range is designed and manufactured by top-rated Turkish manufacturer and has been fully tested and approved in accordance with the most severe Japanese quality standards

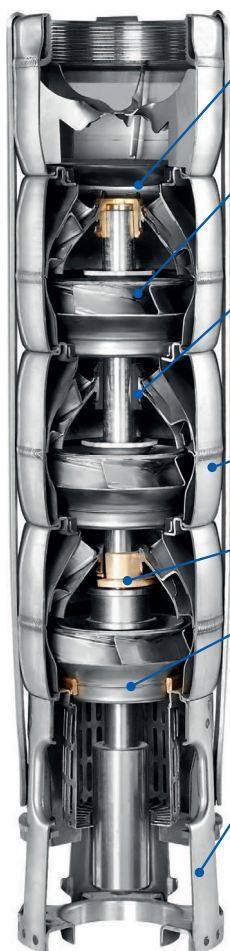
Range		Flow rate	Total head	Motor power
BSP SS 06	6 sizes - 251 models	up to 70 m ³ /h	up to 540 m (BSP SS 06017/53 @ 12 m ³ /h)	up to 55kW
BSP SS 07	3 sizes - 64 models	up to 120 m ³ /h	up to 390 m (BSP SS 07095/22 @ 70 m ³ /h)	up to 129 kW
BSP SS 08	3 sizes - 48 models	up to 200 m ³ /h	up to 435 m (BSP SS 08110/20 @ 80 m ³ /h)	up to 185 kW
BSP SS 10	1 size - 12 models	up to 290 m ³ /h	up to 350 m (BSP SS 10210/12 @ 150 m ³ /h)	up to 220 kW

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EuP/ErP

AISI 304
AISI 316



Built-in check valve simplify the installation (no need for additional external components) and protect the pump against water-hammer effect

Impeller and diffusers hydraulic design guarantee a superior efficiency performance where all duty points selected within the suggested operative range, have an **efficiency equal or higher than 70%**

EPDM rubber bearings are water lubricated and have **sand flush channels** which enable the sand particles to leave the pump with the pumped liquid (max. allowed quantity of sand 50 gr/m³). This design **minimise the risk of pump stop and unplanned downtime**

Modular construction of the pump is based on minimizing the number of components in order to **simplify assembly** and **disassembly** operations

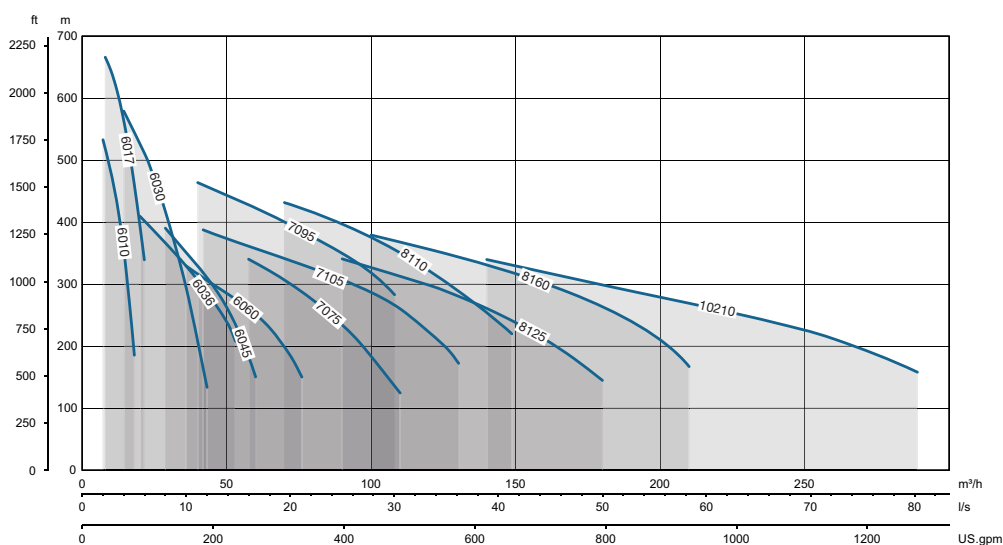
Integrated up-thrust bearing

Stainless steel impeller and diffuser are manufactured with the aim to **maximize the wear and corrosion resistance** using increased thickness material and applying reinforced stainless steel wear rings on impellers

Suction flange and coupling are designed in compliance with **NEMA standard**. Suitable connection with all 4", 6", 8" or 10" standard submersible motors guarantee the replacement of existing pump units

Extended duty:

- Wide range of pump size and hydraulic performances available
- Capability to be installed as in-line booster set or with cooling jacket for installation inside tanks and reservoir, both in horizontal and vertical position



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