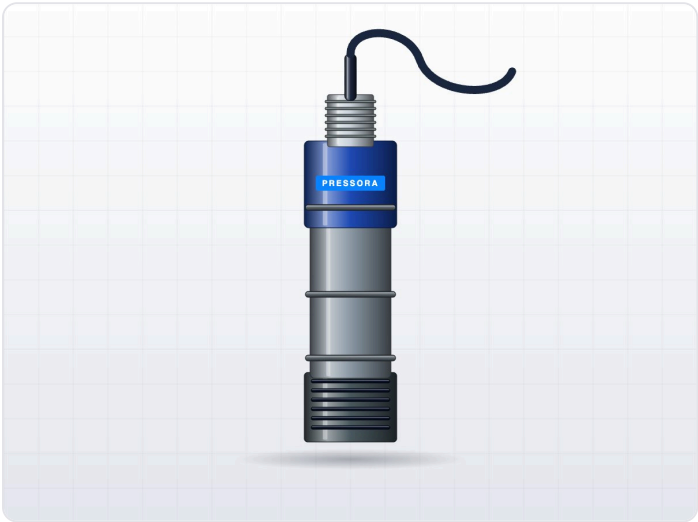


ILLUSTRATIVE DEMONSTRATION DATASHEET — fictional product and data; not for engineering or purchasing use.

SB-30 Submersible Pump

Model SB-30

Submersible drainage pump for sumps and wells.



FLOW RATE
Up to 60 m³/h

HEAD
Up to 42 m

FLUID TEMPERATURE
Up to 40 °C

MAX. IMMERSION
DEPTH
20 m

OVERVIEW

The SB-30 is a close-coupled submersible pump with an integrated motor, cooled by the surrounding liquid. A semi-open impeller handles drainage water with fine solids.

The slim body fits narrow shafts and boreholes, and a lifting eye simplifies installation.

KEY FEATURES

- Integrated cooled motor
- Semi-open impeller for fine solids
- Dual mechanical seals with oil chamber
- Thermal motor protection

TECHNICAL SPECIFICATIONS

HYDRAULICS	Flow range (50 Hz)	4 – 60 m ³ /h
HYDRAULICS	Head range (50 Hz)	6 – 42 m
CONNECTIONS	Discharge	DN 50 – DN 100
DRIVE	Motor power	0.55 – 11 kW
OPERATING LIMITS	Max. immersion depth	20 m
OPERATING LIMITS	Fluid temperature	Up to 40 °C
OPERATING LIMITS	Max. solids passage	10 mm
MASS	Complete unit	28 – 140 kg

MATERIALS OF CONSTRUCTION

BODY	Stainless steel 304
IMPELLER	Cast iron
SHAFT	Stainless steel 431
SEALS	SiC / SiC with NBR elastomers

STANDARDS AND OPERATING CONDITIONS

Design reference: IP68 enclosure target (illustrative)
Drainage water, groundwater and rain water; not for explosive atmospheres.