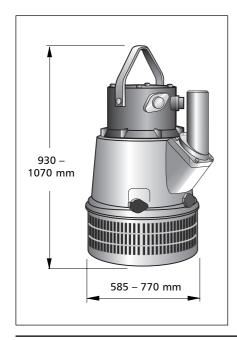
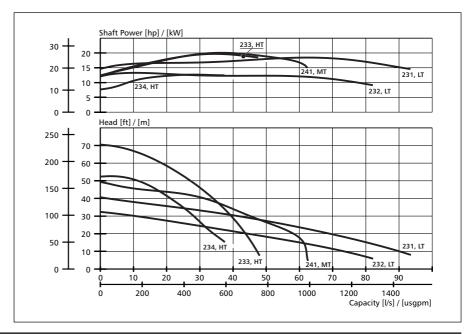


Technical specification BIBO 2151.011

50 Hz





Product

Submersible pump for dewatering building yards, draining water in flooded areas, and other similar applications. The pump can handle water containing relatively abrasive solids.

Denomination

Product code	2151.011
Installation	S
Impeller characteristics	LT, MT, HT
Discharge connection _	4", 6"

Process data

Liquid temp.max	+40° C
Depth of immersion	_max 20 m
The pH of the pumped liquid	pH 5 - 8
Liquid density max 1	I100 kg/m³
Strainer hole size10 mr	m x 42 mm

Motor data

Frequency	50 Hz
Insulation class	_ H (+180° C)
Voltage variation	
 continuously running 	max ± 5%
 intermittent running 	_ max ± 10%

Voltage imbalance between phases max 2%

Squirrel cage 3-phase induction motor.

Cable

Direct-on-line and Y/D start SUBCAB

Monitoring equipment

Thermal contacts.

No. of starts/hour

Material

Outer casing	Aluminium
Impeller,alt. 1	Alloyed white cast iron
alt. 2	Stainless steel
Wear parts	Nitrile rubber
Stator housing	Aluminium
Strainer	Galvanized steel
Shaft	Stainless steel
O-rings	Nitrile rubber

Mechanical face seals

Inner Corrosion resistant cemented carbide Outer Corrosion resistant cemented carbide

Weight

Total (excl. cable) 163 - 165 kg

Option

Polyurethane-lined wear parts _ POLY-LIFE Impeller _____ Stainless steel Discharge connection with coupling 4" Discharge connection with coupling 6" Various cable sizes Zinc anodes Tandem connection

Accessories

Adapters, hose connections and other mechanical accessories.

Electrical accessories such as pump controller, control panels, starters, monitoring relays, cables.

Rating

3~	
Rated output	20 kW
Speed of rotation	2930 rpm

Voltage V	Rated current A	Starting current A
220	63	455
380	36	265
440	32	253
500	28	184