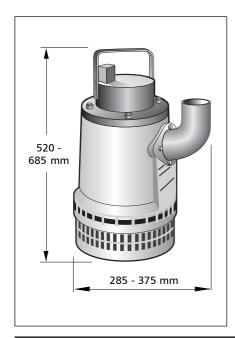
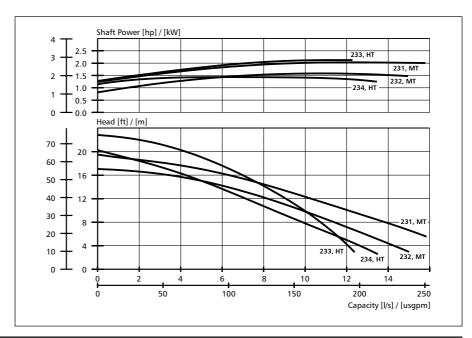


Technical specification BIBO 2066.171

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	2066.171
Installation	S
Impeller characteristic	MT, HT
Discharge connection _	3"

Process data

Liquid temperature	max +40° C
Depth of immersion	max 20 m
pH of the pumped liquid	pH 5 - 8
Liquid density	max 1100 kg/m ³
Strainer hole size	_ 7 mm x 21 mm

Motor data

Squirrel cage 3-phase induction motor.		
Frequency	50 Hz	
Insulation class	H (+180° C)	
Voltage variation		
 continuously running 	max ± 5%	
 intermittent running 	_ max ± 10%	
Voltage imbalance between p	hases max 2%	
No. of starts/hour	max 15	

Cable

Direct-on-line start SUBCAB

Monitoring equipment

Thermal contacts.

Material

Outer casing	Aluminium
Impeller	Alloyed white cast iron
Wear parts	Nitrile rubber
Stator housing	Aluminium
Strainer	Steel
Shaft	Stainless steel
O-rings	Nitrile rubber

Mechanical face seals

Inner_	Tungst	en	carbide	/Carbon
Outer		Tu	ungsten	carbide

Weight

Total (excl. cable) _____ 27 - 30 kg

Options

Polyurethane-lined wear parts POLY-LIFE® Impeller (MT) _____ Stainless steel Warm liquid version Starters

Slim line version

Slim line version with coupling B

Plug contact 3-phase

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 ______ 2.2 kW

Speed of rotation ______ 2800 rpm

Voltage V	Rated current A	Starting current A
200D	9.9	48
220D	9.0	43
230D	8.5	45
380Y	4.7	24
400Y	4.9	21
415Y	4.8	22
440Y	4.5	23
500Y	3.9	21
550Y	3.5	18