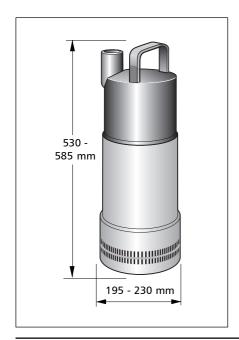
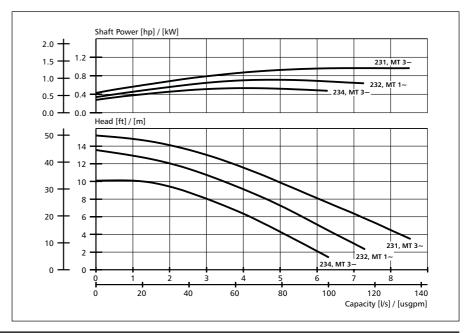


# Technical specification BIBO 2052.170

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	2052.170
Installation	S
Impeller characteristic	MT
Discharge connection _	1½", 2", R2"

#### **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 <sup>3</sup>
Strainer hole size:	_ 5 mm x 18 mm

#### **Motor data**

Squirrei cage 1- or 3	s-phase induction motor.
Frequency	50 Hz
Insulation class	H (+180° C)
Voltage variation	

- continuously running \_\_\_\_\_ max ± 5% - intermittent running \_\_\_\_ max ± 10% Voltage imbalance between phases 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	Galvanized steel
Shaft	Stainless steel
O-rings	Nitrile rubber

# Mechanical face seals

Inner	Tungsten	carbide/Ceramic
Outer	Tungsten	carbide/Ceramic

#### Weight

Total (excl. cable): \_\_\_\_\_\_18 kg

#### **Options**

Polyurethane-lined wear parts POLY-LIFE® Other cables

Zinc anodes

Tandem connection

Level regulator

Warm liquid execution

Starters

Low suction strainer

Plug contact 3-phase

# **Accessories**

Adapters, hose connections and other mechanical accessories.

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

# Rating

3~	
Rated output	1.0 kW
Speed of rotation	2660 rpm

Voltage V	Rated current A	Starting current A
220	4.1	16
230	3.8	17
400	2.2	9
415	2.2	8
440	2.0	8

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Rated output	0.75 kW
Speed of rotation _	2800 rpm

Voltage V	Rated current A	Starting current A
110	10.0	34
115	9.6	36
220	5.0	17
230	4.8	18
240	4.5	16

#### 1~ With external starter

Rated output	1.0 kW
Speed of rotation	2800 rpm

Voltage V	Rated current A	Starting current A
110	14.0	46
115	13.2	48
220	7.0	22
230	6.6	23
240	6.4	24