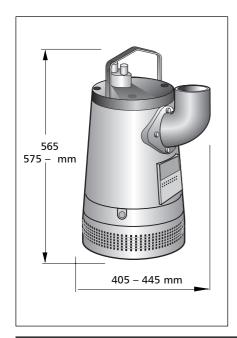
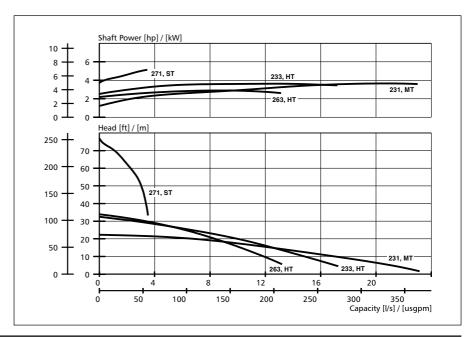


# Technical specification BIBO 2075.324

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	2075.324
Installation	S
Impeller characteristic	MT, HT, ST
Discharge connection	2", 3", 4"

#### **Process data**

Liquid temperature	max +40° C
Depth of immersion	max 20 m
pH of the pumped liquid	pH 5.5 - 14
Liquid density	max 1100 kg/m³
Strainer hole size	8 mm x 8 mm

### Motor data

Squirrel cage 3-phase induction	on motor.
Frequency	50 Hz
Insulation class	_ F (+155° C)
Voltage variation	
<ul> <li>continuously running</li> </ul>	max ± 5%
<ul> <li>intermittent running</li> </ul>	_ max ± 10%
Voltage imbalance between pl	hases max 2%

## **Cable**

Direct-on-line and Y/D start SUBCAB

## Monitoring equipment

Thermal contacts

No. of starts/hour

## **Material**

Outer casing	Cast iron
Impeller	Spring steel
Wear parts lining	Nitrile rubber
Stator housing	Cast iron
Strainer	Stainless steel
Shaft	Stainless steel
O-rings	Nitrile rubber

## Mechanical face seals

Inner\_Tungsten carbide/Tungsten carbide
Outer Tungsten carbide/Tungsten carbide

### Weight

Total (excl. cable) \_\_\_\_\_ 73 - 90 kg

### **Options**

Polyurethane-lined wear	r parts POLY-LIFE®
Impeller (MT, HT)	Stainless steel
O-rings	Viton
Warm liquid version	

Threaded house connection

Starters

Strainer for heavy contaminated water Various cable sizes

Zinc anodes

Protective ring for cable entrance cover

#### **Accessories**

Adapters, hose connections and other mechanical accessories.

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

## Rating

3~	
Rated output	3.7 kW
Speed of rotation	2800 rpm

Voltage V	Rated current A	Starting current A
200	14.0	83
220	13.0	59
380	7.5	34
440	6.5	33
500	5.7	26
550	5.2	29

3 ~ Rated output \_\_\_\_\_ 5.5 kW Speed of rotation \_\_\_\_\_ 2800 rpm

Voltage V	Rated current A	Starting current A
220	21.0	107
380	12.0	59
440	11.0	56
500	9.4	46
550	8.4	55