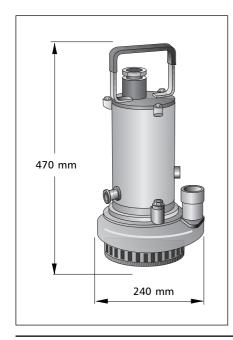
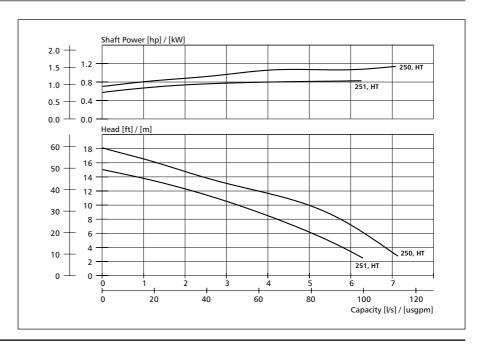


Technical specification BIBO 3041.281

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	3041.281
Installation	S
Impeller characteristic	HT
Discharge connection _	1½", 2"

Process data

Liquid temp.		max +40° C
Depth of immersion		max 20 m
The pH of the pumped	liquid	pH 3 - 14
Liquid density	max	1100 kg/m³
Strainer hole size	10.5 r	nm x 20 mm

Motor data

Squirrei cage 1- or 3-phase ind	uction motor.
Frequency	50 Hz
Insulation class	F (+155° C)
Voltage variation	
 continuously running 	max ± 5%
 intermittent running 	_ max ± 10%
Voltage imbalance between pl	nases max 2%
No. of starts/hour	max 15

Cable

Direct-on-line start SUBCAB

Monitoring equipment

Thermal contacts

Material

Outer casing	Stainless steel
Impeller	Stainless steel
Wear parts	Stainless steel
Stator housing	Stainless steel
Strainer	Stainless steel
Shaft	Stainless steel
O-rings	Fluorinated rubber

Mechanical face seals

Alt. 1	
Inner	Ceramic/Ceramic
Outer	Ceramic/Ceramic
Alt. 2	
Inner	Carbon/Ceramic
Outer	Silicon carbide

Weight

Total (excl. cable) ______23 kg

Options

Various cable sizes

Accessories

Discharge connections, adapters, hose connections and other mechanical accessories. Electrical accessories such as pump controller, control panels, starters, monitoring relays, cables.

Rating

3~	
Rated output	1.2 kW
Speed of rotation	2790 rpm

Voltage V	Rated current A	Starting current A
220	4.4	25.0
380	2.5	15.0
400	2.5	16.0
415	2.4	13.0
440	2.2	14.0
500	2.0	9.9
550	1.8	11.0

1~

Rated output	1.0 kW
Speed of rotation	2705 rpm

Voltage V	Rated current A	Starting current A
110	13.0	45.0
220	6.3	22.0
230	5.9	23.0
240	6.4	20.0