



Product

Submersible pump for dewatering construction sites, draining water in flooded areas, handling water in mines or on oil platforms and other similar applications. The pump can handle water containing relatively abrasive solids.

Denomination

Product code _____ 2201.011
 Installation _____ S
 Impeller characteristic _____ LT, MT, HT
 Discharge connection _____ 4", 6", 8"

Process data

Liquid temperature _____ max +40° C
 Depth of immersion _____ max 20 m
 The pH of the pumped liquid _____ pH 5 - 8
 Liquid density _____ max 1100 kg/m³
 Strainer hole size, LT, MT 15 mm x 45 mm
 HT _____ 10 mm x 10 mm

Motor data

Squirrel cage 3-phase induction motor.
 Frequency _____ 60 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 and Y/D start _____ SUBCAB

Monitoring equipment

Thermal contacts.

Material

Outer casing _____ Galvanized steel
 Impeller _____ Alloyed white iron
 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) _____ 280 kg

Options

Polyurethane-lined wear parts _____ POLY-LIFE
 Impeller (HT) _____ Stainless steel
 Discharge connector with coupling 4"
 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

LT
 3~
 Rated output _____ 37 kW
 Speed of rotation _____ 1760 rpm

Voltage V	Rated current A	Starting current A
220	127	1010
380	79	655
440	65	495
460	66	510
575	48	305

HT, MT
 3~
 Rated output _____ 43 kW
 Speed of rotation _____ 3500 rpm

Voltage V	Rated current A	Starting current A
220	136	810
380	78	465
440	68	405
460	65	395
575	52	300