



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 _____ 2201.590
 Installation _____ S
 Impeller characteristic _____ MT, HT, ST
 Discharge connection _____ 4", 6", 8"

Process data

Liquid temp. _____ max +40° C
 Depth of immersion _____ max 20 m
 The pH of the pumped liquid __ pH 6 - 13
 Liquid density _____ max 1100 kg/m³
 Strainer hole size, MT __ 15 mm x 45 mm
 HT __ 10 mm x 10 mm

Motor data

Squirrel cage 3-phase induction motor.
 Frequency _____ 50 Hz
 Insulation class _____ F (+155° 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 _____ Cast iron
 Impeller, MT _____ Alloyed white iron
 HT _ Spring steel, Stainless steel
 Wear parts _____ Nitrile rubber
 Stator housing _____ Cast iron
 Strainer _____ Galvanized steel
 Shaft _____ Stainless steel
 O-rings _____ Nitrile rubber

Mechanical face seals

InnerCorrosion resistant cemented carbide
 OuterCorrosion resistant cemented carbide

Weight

Total (excl. cable) _____ 350 - 455 kg

Approvals

EN 50014, EN 50018, EEX de IIB T3

Options

Impeller (HT) _____ Stainless steel
 Discharge connector with coupling A
 O-rings _____ Viton
 Diode
 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 _____ 37 kW
 Speed of rotation _____ 2930 rpm

Voltage V	Rated current A	Starting current A
380	67	405
400	64	335
415	62	350
440	59	375
500	51	271
550	47	305
1000	26	134
1100	24	150