



Product

Submersible pump for dewatering building yards, draining water in flooded areas, and other similar applications.

Denomination

Product code _____ 2400.591
 Installation _____ S
 Impeller characteristic _____ MT, HT
 Discharge connection _____ 4", 6"

Process data

Liquid temp. _____ max +40° C
 Depth of immersion _____ max 20 m
 The pH of the pumped liquid __ pH 6 - 11
 Liquid density _____ max 1100 kg/m³
 Strainer hole size _____ 10 mm x 10 mm

Motor data

Squirrel cage 3-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 _____
 _____ Screened cable NSSHÖU

Monitoring equipment

Thermal contacts
 PT-100 Transducer

Material

Outer casing _____ Cast iron
 Impeller _____
 _____ High chrome alloyed white cast iron
 Wear parts _____ Nitrile rubber
 Stator housing _____ Cast iron
 Pump housing _____ Cast iron
 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) _____ 900 - 985 kg

Approvals

EN 50014, EN 50018, EEX de I, EEX de IIB T4

Options

Stand
 Various cable sizes
 Zinc anodes

Accessories

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

Rating

3~
 Rated output _____ 90 kW
 Speed of rotation _____ 2955 rpm

Voltage V	Rated current A	Starting current A
380	155	1170
400	149	1255
415	142	1075
440	136	1140
500	118	825
525	113	885
550	109	915
1000	59	485