



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 _____ 2052.170
 Installation _____ S
 Impeller characteristic _____ MT
 Discharge connection _____ 1½", 2", R2"

Process data

Liquid temperature _____ max +40° C
 Depth of immersion _____ max 20 m
 pH of the pumped liquid _____ pH 5 - 8
 Liquid density _____ max 1100 kg/m³
 Strainer hole size: _____ 5 mm x 18 mm

Motor data

Squirrel cage 1- or 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 _____ SUBCAB

Monitoring equipment

Thermal contacts

Material

Outer casing _____ Aluminium
 Impeller _____ Alloyed white cast iron
 Wear parts _____ Nitrile rubber
 Stator housing _____ Aluminium
 Strainer _____ Galvanized steel
 Shaft _____ Stainless steel
 O-rings _____ Nitrile rubber

Mechanical face seals

Inner _____ Tungsten carbide/Ceramic
 Outer _____ Tungsten carbide/Ceramic

Weight

Total (excl. cable): _____ 18 kg

Options

Polyurethane-lined wear parts POLY-LIFE®
 Other cables
 Zinc anodes
 Tandem connection
 Level regulator
 Warm liquid execution
 Starters
 Low suction strainer
 Plug contact 3-phase

Accessories

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

Rating

3~
 Rated output _____ 1.0 kW
 Speed of rotation _____ 2660 rpm

Voltage V	Rated current A	Starting current A
220	4.1	16
230	3.8	17
400	2.2	9
415	2.2	8
440	2.0	8

1~
 Rated output _____ 0.75 kW
 Speed of rotation _____ 2800 rpm

Voltage V	Rated current A	Starting current A
110	10.0	34
115	9.6	36
220	5.0	17
230	4.8	18
240	4.5	16

1~ With external starter
 Rated output _____ 1.0 kW
 Speed of rotation _____ 2800 rpm

Voltage V	Rated current A	Starting current A
110	14.0	46
115	13.2	48
220	7.0	22
230	6.6	23
240	6.4	24