



### 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 \_\_\_\_\_ 2102.041  
 Installation \_\_\_\_\_ S  
 Impeller characteristic \_\_\_\_\_ MT, HT  
 Discharge connection \_\_\_\_\_ 3", 4"

### 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/m<sup>3</sup>  
 Strainer hole size \_\_\_\_\_ 7 mm x 40 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 and Y/D start \_\_\_\_\_ SUBCAB

### Monitoring equipment

Thermal contacts.

### Material

Outer casing \_\_\_\_\_ Aluminium  
 Impeller, alt.1 \_\_\_\_\_ Alloyed white cast iron  
 alt.2 \_\_\_\_\_ Stainless steel  
 Wear parts \_\_\_\_\_ Nitrile rubber  
 Stator housing \_\_\_\_\_ Aluminium  
 Strainer \_\_\_\_\_ Galvanized steel  
 Shaft \_\_\_\_\_ Stainless steel  
 O-rings \_\_\_\_\_ Nitrile rubber

### Mechanical face seals

Inner \_\_\_\_\_ Tungsten carbide  
 Outer \_\_\_\_\_ Tungsten carbide

### Weight

Total (excl. cable) \_\_\_\_\_ 48 - 50 kg

### Options

Polyurethane-lined wear parts \_ POLY-LIFE  
 Impeller (MT, HT) \_\_\_\_\_ Stainless steel  
 Warm water version  
 Starters  
 Plug contact 3-phase  
 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 \_\_\_\_\_ 5.2 kW  
 Speed of rotation \_\_\_\_\_ 2850 rpm

Voltage V	Rated current A	Starting current A
220	19	133
230	18	128
380	11	77
400	10	71
415	10	69
440	9.4	73
500	8.3	54
550	7.6	59
660	6.3	45
1000	4.2	30

3~  
 Rated output \_\_\_\_\_ 3.7 kW  
 Speed of rotation \_\_\_\_\_ 2850 rpm

Voltage V	Rated current A	Starting current A
220	13	80
230	13	77
380	7.8	46
400	7.4	44
415	7.1	41
440	6.7	44
500	6.0	32
550	5.4	32
660	4.5	27
1000	2.9	20