



## Fields of Application

Pumping of waste water containing solid matter or domestic sewage such as waste from toilets, washing machines, dishwashers, in intermittent operation, etc.  
Surface water or rain water pumping in intermittent operation, such as car park drainage.  
Drainage of sumps liable to flooding.

## Operating characteristics

Q : up to 40 m<sup>3</sup>/h, (11 l/s).

H : up to 16 m.

Motor Power ;

1.5 kW maximum for three phase motor

1.1 kW maximum for single phase motor

Operating temperature up to 40°C

Intermittently 70°C (3 to 5 min.).

## Materials

Casing : EN.GJL-200 / JL 1030 / FGL 200 / GG 20.

Impeller : EN.GJL-200 / JL 1030 / FGL 200 / GG 20.

Shaft : Chrome steel 1.4021 / X20 Cr13 / Z20 C13.

Shaft seal : (Motor side) Lip seal

Shaft seal : (Pump side) Mechanical seal  
Silicium Carbide/Alumin Oxide

Nuts & bolts : Stainless steel

Elastomers : Nitrile rubber

Float switch : Polypropylene

## Design

Vertical single casing submersible motor pump.

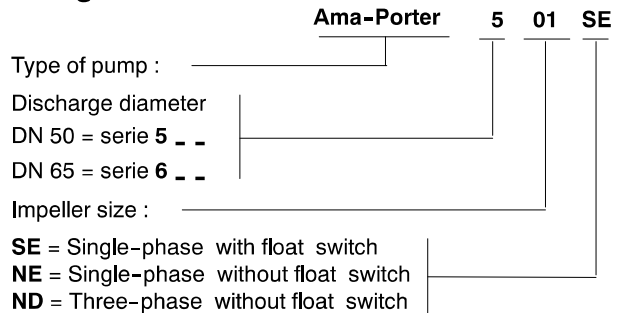
## Shaft seal

Twin shaft seal with intermediate oil chamber.

Motor side : Single lip seal

Pump side : Single mechanical seal independent  
of direction of rotation

## Designation



## Motor

Single phase : 230 V – 50 Hz with built in thermal  
overload protection

Three phase : 400 V – 50 Hz direct on-line starting

Motor protection : IP68, Class F insulation in accordance  
with EN 60529 / IEC 529.

## Please note :

Variable-speed operation of this pump is not  
allowed.

Operating mode S1 - submerged (max. 5 m)

Operating mode S3 - not submerged  
(see dimension table)

## Bearings

Sealed for life radial ball bearings.

☞ Suitable for installation in accordance with standard  
EN 12050-1

The pump must not be used in countries where pumps  
handling sewage with faeces are subject to explosion  
protection regulations.