

# PRESENTACIÓN DEL PRODUCTO

## AmaDrainer 3

Vertical, single-stage, fully floodable submersible motor pump in close-coupled design, either with integrated level switch for automatic control or controlled via an external control unit

### Function:

Submersible waste water pump for handling

- Slightly contaminated waste water (up to 70 °C max.)
- Wash water (for short periods of  $t \leq 3$  minutes up to 90 °C max.)
- Waste water without faeces
- Seepage water, river water, lake water and groundwater

In variant C also

- Seawater
- Brackish water
- And water containing salt (up to 20 °C max.)

### Features:

- Ready-to-connect submersible motor pump in plastic casing, enclosure IP68
- Integrated sensor unit for flexible use with and without control unit by simply locking the float switch in continuously ON position
- All sizes available in material variant for aggressive fluids
- Sizes 301, 303 only:
  - Integrated low water level intake option for residual water level as low as 2 mm
- Sizes 301, 303, 322 only:
  - Integrated swing check valve
- Size 322 only:
  - Integrated cleaning of pump sump (optional)
- Maximum immersion depth of 2 m

### Operating data:

Fluid handled:

Flow rate Q:

Head H:

Permissible fluid temperature:  $\leq 70$  °C in continuous operation, for a short time ( $t \leq 3$  minutes) up to 90 °C max.

Free passage – 301, 303: 10 mm

Free passage – 322: 18 mm

Free passage – 354: 35 mm

### Drive:

Supply voltage:

Frequency:

Nominal power P1:

Motor rating P2:

Nominal current:

### Monitoring / open-loop control / closed-loop control:

Pump controlled via integrated float switch or LevelControl Basic 2

### Materials:

Pump casing: polypropylene, 30 % glass fibre reinforced

Discharge casing: polypropylene, 30 % glass fibre reinforced

Casing cover: polypropylene, 20 % talcum (PP-TS 20)

Shaft - material variant A: AISI 431

Shaft - material variant C:

- Drive end: AISI 431
- Pump end: AISI 316L

Impeller - sizes 301, 303: Noryl GNF2

Impeller - sizes 322, 354: polyamide  
Automatic switchgear system: polypropylene  
Motor housing - material variant A: AISI 304  
Motor housing - material variant C: AISI 316L

**Dimensions and connections:**

Discharge side - 301, 303, 322: Rp 1 ¼"

Discharge side - 354: G 1 ½"

**Purchase order information:**

Make: KSB

Type series / size:

Material price group:

Weight:

**Material number:**

**Typical tender for AmaDrainer 3**

**2332.521/03-EN**

**Subject to technical modification without prior notice**

**07 Octobre 2021**