

## U6KS

### HIGH PERFORMANCE SUBMERSIBLE DRAINAGE PUMP

10/20\*mm FREE PASSAGE



U6KS



#### FEATURES

- 10/20mm free passage.\*
- SiC mechanical seal.
- Safe to run dry.
- Continuous operation.
- Low level pumping.
- Flushing device.
- Moisture sealed cable inlet.
- Built in level control.
- Max. head - 9m.
- Max. flow - 250lpm.

#### APPLICATIONS

- Drainage of non contaminated water and mildly contaminated (faecal free) waste and ground water including silage liquor and liquid manure.
- Rainwater.
- Domestic waste water such as from washing machine and dishwashers.

\* 20mm free passage possible when removable strainer has been detached.

#### PUMP CONSTRUCTION MATERIALS

Vertical, single-stage, submersible, foot strainer with 10mm free passage – detachable for activating low level pumping and allowing 20mm free passage. Spiral casing with 1¼" BSP (male) radial pressure branch and integrated swing-type check valve, spiral casing with flushing device for drain cleaning, EIP technology hydraulics with open 6-blade impeller.

**Pump casing:** Glass reinforced plastic.  
**Impeller:** Glass reinforced plastic.  
**Wear plate:** Glass reinforced plastic.  
**Motor shaft:** 304SS.  
**Mechanical seal:** Silicon carbide mechanical seal with oil chamber and shaft seal towards the motor section.

#### OPERATING CONDITIONS

Drainage pump for the disposal of faecal free waste water, including rainwater, mildly polluted waste and ground water containing particles up to 20mm\*. Install pump vertically (hose connection possible).

pH range: >4,5 - <12.

## ELECTRICAL DATA

Type	Type of current	Voltage $\pm 10\%$	Frequency Hz	Motor rating kW		RPM min	Current ampere	Motor protection	Insulation class	IP Rating
				P1	P2					
U6KS	1-phase	230	50	0.75	0.49	2645	3.3	Auto	B	68

## DIMENSIONS

Type	Maximum Height x Width x Depth	Discharge branch	Free passage	Cable quality	Cable length	Weight approx.	Continuous operating temperature range	Intermittent temperature maximum
U6KS	335 x 210 x 295 mm	1 1/4" BSP (male)	10/20 mm	H07RN-F	10 m	6.0 kg	0° - 35°	60°

## PERFORMANCE

Type	P/No	Delivery head [m]	1	2	3	4	5	6	7	8	9
U6KS	JP44085	Flow rate [lpm]	253	235	217	192	163	133	100	67	28

## PERFORMANCE CURVE

