

## U3KS Special

### SALINE - CHEMICAL MEDIA SUBMERSIBLE DRAINAGE PUMP

10mm FREE PASSAGE



U3KS Special



#### FEATURES

Saline solutions up to 10% salinity.

SiC mechanical seal.

Safe to run dry.

Continuous operation.

Low level pumping.

Flushing device.

Moisture sealed cable inlet.

Built in level control.

Max. head - 7m.

Max. flow - 105lpm.

#### APPLICATIONS

- Able to handle aggressive media such as liquids containing salt, brackish water, condensate, silage liquor, whey and liquid fertiliser. \*
- Contaminated water at high temperatures ie. from dishwashers and washing machines. \*
- Domestic waste water (without faecal matter).
- Rainwater.
- Lightly polluted water.

\* Please consult Pentair regarding aggressive media.

#### PUMP CONSTRUCTION MATERIALS

Vertical, single-stage, submersible, foot strainer with 10mm free passage – detachable for activating low level pumping. 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 5-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 sealing towards the motor section.

#### OPERATING CONDITIONS

Drainage pump for the disposal of faecal free waste water, including rainwater and lightly polluted water (as per applications) containing particles up to 10mm. Install pump vertically (hose connection possible).

pH range: >3 - <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					
U3KS Special	1-phase	230	50	0.32	0.20	2720	1.4 A	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
U3KS Special	255 x 220 x 280 mm	1 1/4" BSP (male)	10 mm	H07RN-F	10 m	4.3 kg	0° - 35°	60°

## PERFORMANCE

Type	P/No	Delivery head [m]	1	2	3	4	5	6
U3KS Special	JP44084	Flow rate Q [lpm]	105	98	85	70	50	29

## PERFORMANCE CURVE

