PENTAIR

JUNG PUMPEN®

U6KS

HIGH PERFORMANCE SUBMERSIBLE DRAINAGE PUMP

10/20*mm FREE PASSAGE

U6KS

2 YEARS WARRANTY

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 detatched.

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 ±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

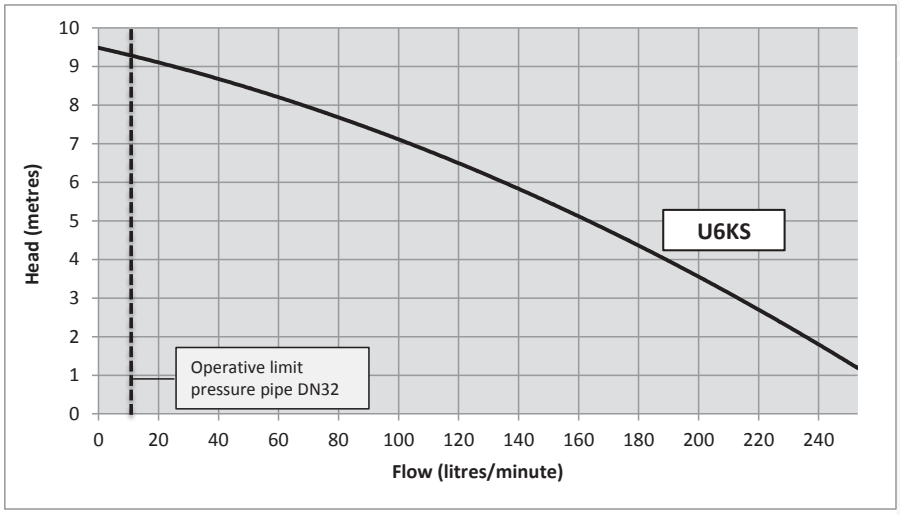
DIMENSIONS

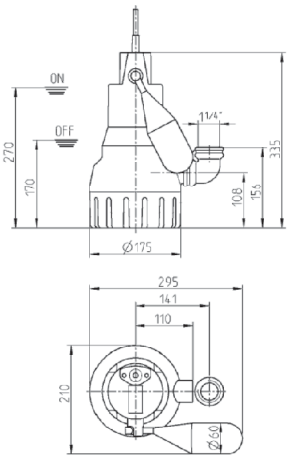
Type	Maximum Height x Width x Depth	Discharge branch	Free passage	Cable quality	Cable length	Weight approx.	Continuous operating temperature range	Intermittent temperature maximum
U6KS	335 x 210 x 295 mm	1¼" BSP (male)	10/20 mm	H07RN-F	10 m	6.0 kg	0° - 35°	60°

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





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