

# JUNG PUMPEN OXYLIFT 2 SUBMERSIBLE PUMP

## APPLICATION

Many of the biological small sewage treatment plants on the market need a pump to transport the sewage. oxylift submersible pumps with their special optimised hydraulics and housing shape were specifically developed to take care of this task. They are particularly suited for the transport of activated sludge mixtures in SBR treatment systems or for the pumping of mechanically pre-screened as well as treated domestic sewage. The combination of pump impeller designed specifically to minimise the danger of blockage together with its large solids passage and tangentially located pump discharge branch ensure reliable operation.

Oxylift pumps are available with or without level control and can be combined with the submersible aerators of the oxyperl series to provide a powerful and easy to maintain SBR system. The shape and construction of both the oxylift and the oxyperl units have been selected to ensure conformity with other common units on the market made by other manufacturers. This gives a maximum of comfort when carrying out repairs on existing SBR systems supplied by different manufacturers.

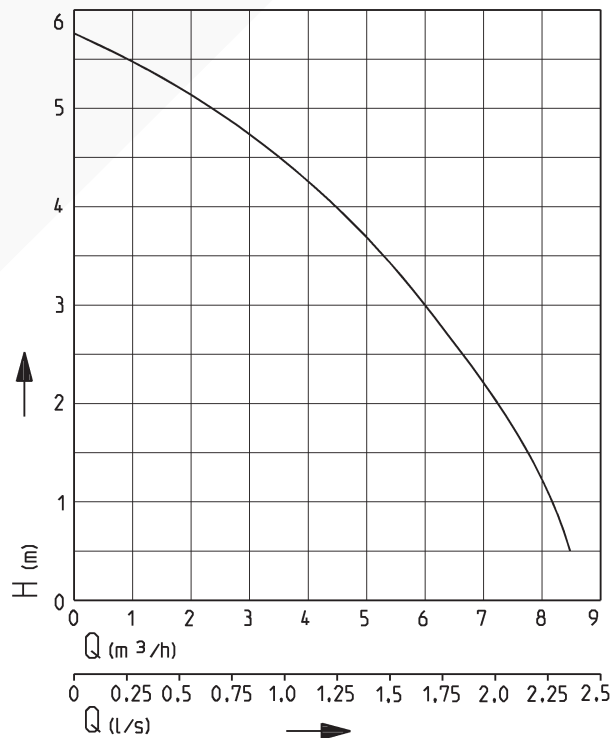
The detachable cable gland fitted on the pump head enables the free choice between different cable lengths and avoids troublesome cable repair works.

- High reliability due to large free passage
- Available with and without level control
- Replaceable moisture sealed cable inlet
- 1 : 1 exchangeability with other common units on the market



Oxylift 2 without level control

## PERFORMANCE



41880-01

We reserve the right to specifications without notice

Pump performance is subject to ISO 9906 tolerances

# JUNG PUMPEN OXYLIFT 2

## SUBMERSIBLE PUMP

### OXYLIFT

Type	Max. Height x Width	Discharge branch	Free passage	Cable quality	Cable length	Weight approx.	Code No.
Oxylift 2 without level control	293 x 153 mm	1 1/4"	10/15 mm*	H07RN-F-3G1.0	10 m	4.2 kg	<b>JP09469</b>
Oxylift 2S with built-in level control	293 x 276 mm	1 1/4"	10/15 mm*	H07RN-F-3G1.0	10 m	4.4 kg	<b>JP09470</b>
Oxylift 2 without level control	293 x 153 mm	1 1/4"	10/15 mm*		without cable	3.0 kg	<b>JP09471</b>
Oxylift 2S with built-in level control	293 x 276 mm	1 1/4"	10/15 mm*		without cable	3.2 kg	<b>JP09472</b>

### PERFORMANCE

Type	Delivery head [m]	1	2	3	4	5
Oxylift 2 (S)	Flow rate Q [m <sup>3</sup> /h]	8	7.3	6	4.2	2.2

### ELEKTRICAL DATA

Type	Type of current	Voltage Volt	Motor rating kW		RPM min <sup>-1</sup>	Current Ampere	Motor-protection
			P <sub>1</sub>	P <sub>2</sub>			
Oxylift 2 (S)	1-phase	1/N/PE-230	0.3	0.2	2720	1.3	integrated

### ACCESSORIES

			Cable quality	Code No.
Cable gland	1.5 m	For all aggregats without cable gland	H07RN-F3G1.0	<b>JP46925</b>
Cable gland	4.0 m		H07RN-F3G1.0	<b>JP46926</b>
Cable gland	10.0 m		H07RN-F3G1.0	<b>JP45084</b>
Cable gland	20.0 m		H07RN-F3G1.0	<b>JP46927</b>

### TECHNICAL DATA

#### Pump

Vertical, single-stage, submersible, strainer base with 10 mm free passage, volute casing with 1 1/4" female thread discharge branch, hydraulics with EIP technology and open 5-blade impeller.

#### Bearings

Common shaft for pump and motor, mounted in ball bearings, maintenance free with permanent grease lubrication.

#### Seal

Shaft seal with three-fold radial shaft seal ring and intermediate oil chamber, safe to run dry.

#### Motor

Submersible, type of enclosure IP68, insulation class B, motor thermostat for safety switch-off on overheating with automatic switch-on after sufficient cooling, replaceable moisture sealed cable inlet.

#### Material

Motor housing, shaft and screws in stainless steel, volute casing, impeller and pump head with level control made of plastic [GRP], rubber insulated power cable.

#### Scope of supply

Pump alternatively with 10 m or without cable gland. Type S with built-in level control.

