

# Submersible Drainage Pump J 5

**SULZER**

## Specification

Electric submersible pump.  
Maximum submergence: 8 m.  
Protection class IP 68.  
pH of the pumped medium 5-8.  
Strainer hole: 6 mm.

**J 5 W** Medium head, single-phase

## Electric motor

Single-phase induction motor with built-in capacitor, 50 Hz.  
Class B insulation.  
Motor rating  $P_2$ : 0.48 kW. Speed: 2690 rpm

Voltage, V	230
Nominal current, A	2.9

## Power cable

10 m type HO7RN-F: 3 x 1.0 sq.mm.

## Motor protection

Built-in thermal protector.

## Shaft seal

Double mechanical seal in oil bath with oil circulator.  
Primary seal: Silicon carbide on silicon carbide.  
Secondary seal: Carbon on ceramics.

## Bearings

Shielded ball bearing.

## Discharge connections

2" hose connections.  
2" B.S.P. threaded connections.

## Weight

9.5 kg (without cable)

## Options and accessories

Automatic level control unit.  
Discharge connection accessories and hose.

## Materials

Description	Material
Castings	Aluminium
Casing	Stainless steel
Shaft	Stainless steel
Impeller	Polyurethane
Wear parts	Ethylene propylene rubber / Polyurethane
O-rings	Nitrile rubber

