

DIWA SERIES

SUBMERSIBLE PUMPS FOR DIRTY WATER

Submersible pumps for dirty water manufactured in AISI 304 stainless steel. Head up to 20 metres, delivery up to 425 l/min (25,2 m³/h).

Four basic models with 0.55 (0.75 HP) to 1.5 kW (2HP) rated power.

DRIVELUB SEAL SYSTEM

- ❑ **MOTOR COOLED BY PUMPED LIQUID**
- ❑ **DIFFUSER PLATE COATED WITH POLYURETHANE FOR MAXIMUM RESISTANCE TO ABRASION**
- ❑ **COMPACT AND LIGHTWEIGHT**

APPLICATIONS

- Draining of cellars, garages, basements.
- Draining of construction sites.
- Emptying of tanks and reservoirs.
- Lawn and garden irrigation.
- Fountains.
- Pumping of domestic wastewater (washing machines, showers, sinks).
- Emptying of tanks in industrial and ecological applications.
- Water display, fountains.

SPECIFICATIONS

- Liquid **temperature** up to **50°C**.
- **Open impeller**.
- Minimum level of pumped liquid: **25 mm**.
- **Suspended solids handled up to 8 mm**.
- **Maximum immersion depth: 7m**.
- 10 meters of HO7RN-F type neoprene power cord.
- **Dry motor** (class F insulation).
- **IP 68 protection**.
- Versions:
 - **Single-phase** 220-240 V 50 Hz 2 poles with built-in overload protection.
 - **Three-phase** 380-415 V 50 Hz 2 poles.
- **Motor power:**
 - 0.55 to 1.1 kW for single-phase version.
 - 0.55 to 1.5 kW for three-phase version.
- The single-phase versions feature:
 - **Pre-assembled float** (version without float available on request).
 - **Built-in capacitor** (except for DIWA 11 model with control box on cable).
 - **Thermal overload protection**.
- 60 Hz and versions without float (SG) available.



DRIVELUB SEAL SYSTEM

Watertight electric motor protected by multiple seal system with **oil chamber**.

A V-ring and **silicon carbide mechanical seal** (extremely resistant to wear and abrasion), as well as a **lip seal** which is continuously lubricated by the **DRIVELUB system**, provide an extremely efficient barrier against infiltration.

TABLE OF MATERIALS

PART	MATERIAL
Pump body Motor casing Outer sleeve Impeller Shaft extension Suction screen Nuts and bolts	STAINLESS STEEL (AISI 304 - DIN 1.4301)
Front diffuser plate	STAINLESS STEEL (AISI 304 - DIN 1.4301) COATED WITH POLYURETHANE ELASTOMER
Inner mechanical seal	SILICON CARBIDE/ SILICON CARBIDE
Upper lip seal, Elastomers	NITRILE RUBBER
Handle	STAINLESS STEEL (AISI 304 - DIN 1.4301) COATED WITH POLYACETAL RESINS

