

# Drainage Pumps

## DanPumps S-DP, 50 Hz

### Product Applications

The DanPumps S-DP is a high-efficient lightweight drainage pump built in aluminium, and suitable for pumping water and dirty water mixed with soil. The DanPumps S-DP is the ideal choice for plug-in operations and is ready for use when delivered on site.

### Design

The low weight and compact design ensure convenient transport, handling and installation.

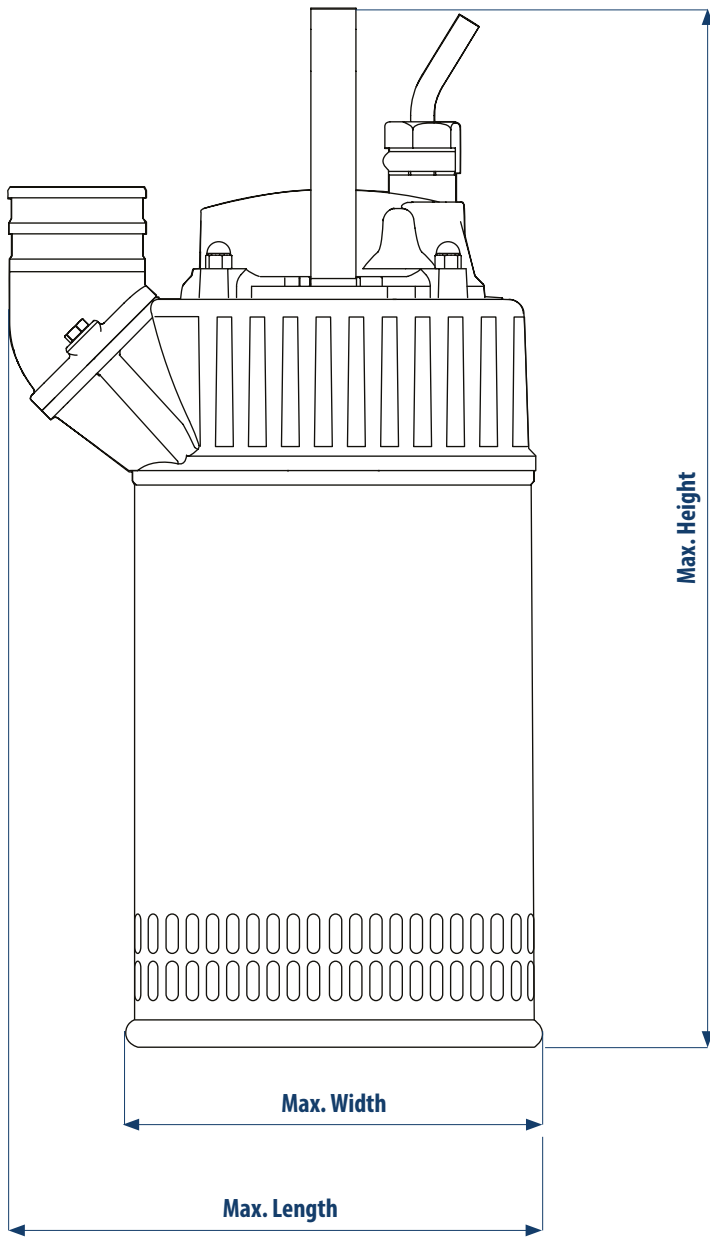
### Materials

Castings	Aluminium		
Impeller	Stainless steel		
Casing, handle, fasteners	Stainless steel	10088: X5CrNi18-10 (W.Nr. 1.4301)	AISI 304
Shaft	Stainless steel	X20Cr13 (W.Nr. 1.4021)	AISI 420
O-rings	NBR		
Double Mechanical seal	In oil bath		
Shaft seal	Primary seal: SIC/SIC Secondary seal: Stainless steel / Carbon		
Bearings	Upper bearing: Single-row deep groove ball bearing Lower bearing: Double angular contact ball bearing		
Cable	20 m	H07RN-F	

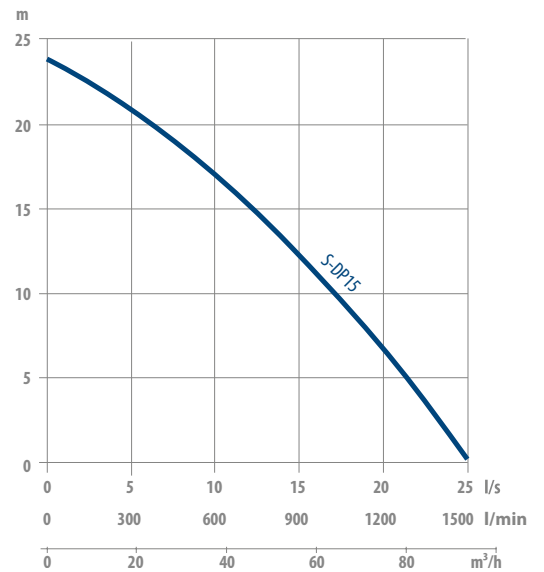
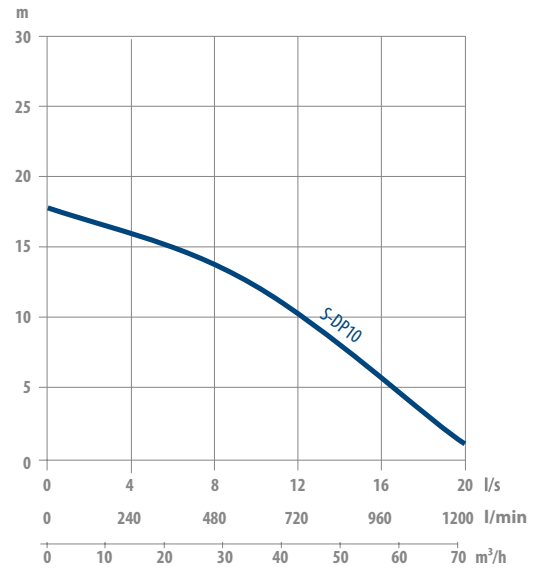
### Operation standards:

- Max. submergence: 15 meter
- Max. temperature of pumped media at maximum power input and continuous duty: 40°C
- Max. medium density: 1100 kg/m<sup>3</sup>
- pH of the pumped medium: 5-8
- Any risk of overheating is avoided since the pumped media continuously cools the pump
- Motor protection: Build-in thermal switches in the stator windings (140°C, ±5) connected to build-in contactor





### Performance Curves - DanPumps S-DP - 50Hz



Type	kW P2	Rpm	Outlet flang	Voltage (V)	Current (A)	Weight (kg)
S-DP10	2.3	2870	3" Hose Connection*	3 x 230/400	8.4/4.8	30
S-DP15	3.9	2870	3" Hose Connection*	3 x 230/400	14.1/8.1	32

Type	Max. Height	Max. Width	Max. Length
S-DP10	570 mm	230 mm	295 mm
S-DP15	570 mm	230 mm	295 mm

\* Optional discharge connections: 2 1/2", 4" connections and 2 1/2", 3", 4" B.S.P. threaded connections.

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