

# Wastewater Pumps

## DanPumps S-WP0 - 50 Hz

### Product Applications

The S-WP0 pump is available in three different models.

The smallest pump in the series is S-WP0-37 which is especially suitable for pumping from basements, pre-cleaned wastewater or drains from parking plants.

The S-WP0-50 is constructed for wastewater treatment for a single household, washing plants, tunnels, large basement outlets etc.

The S-WP0-65 is constructed for wastewater where several households or companies are attached. The pump can be mounted on a base elbow.

This model is also available as Grinder Pump.

### Design

DanPumps S-WP0 pumps for smaller tasks within the wastewater area. All pumps are characterized by high quality and an exquisite choice of materials. The pump is equipped with a vortex impeller and a large free passage through the pump housing, which reduces clogging and extends the lifetime of the pump.

### Materials

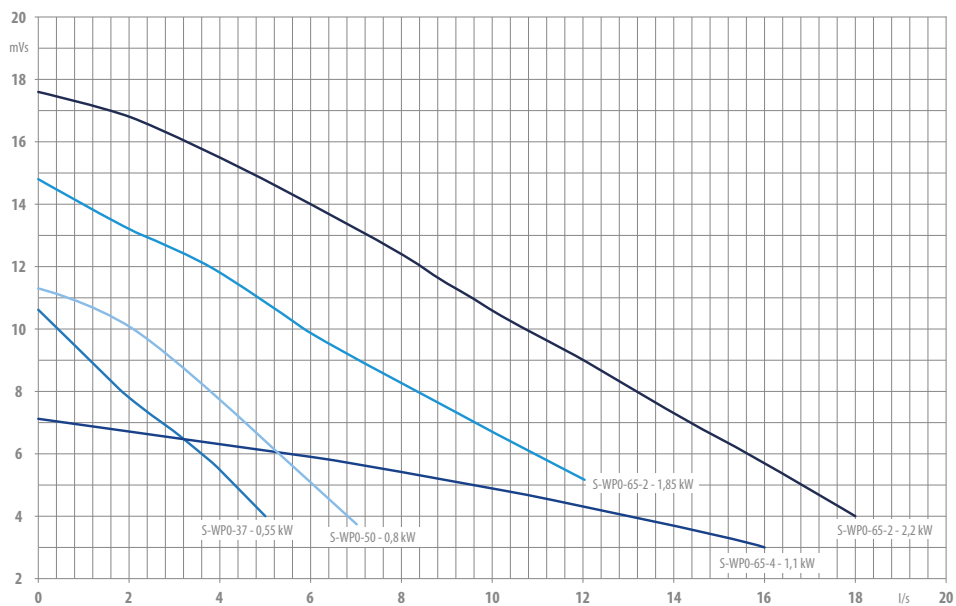
Pump Housing	Cast iron GG 25
Base elbow	Cast iron GG 25
Impeller high head	Ductile cast iron GGG-40
Pumping wheels	Cast iron GG 25
Shaft	Stainless steel AISI 420
Bolts	Stainless steel AISI 304
Primary shaft sealing	Silicon carbide / Silicon carbide
Secondary sealing	Graphite/aluminium
Cable	H07HNF
Motor	Insulation class H Protection degree IP68

### Operation standards:

- Connections up to DN65
- Flow Rate up to 68 m<sup>3</sup>/h
- Overheating protection
- Double mechanical shaft seal in oil bath
- High-efficient motors
- Over-dimensioned bearings ensure a long life of the pump
- Easy maintenance
- Option: Float switch regulator



## Performance Curves - DanPumps S-WP0 - 50 Hz



**DCB DN-40 Installation Kit**  
**S-WP0-37**, Art. No: F070000100001  
**S-WP0-50**, Art. No: F070000100002



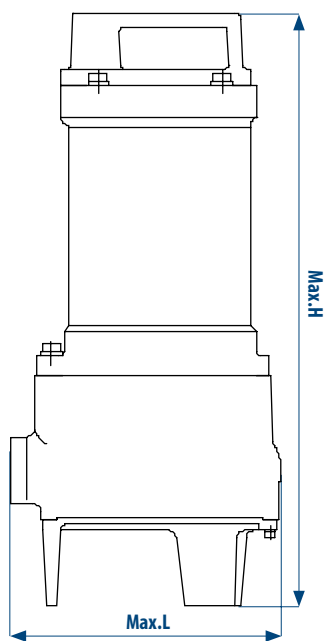
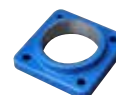
**DCB Installation Kit for S-WP0-65**  
 Article no.: 20210702



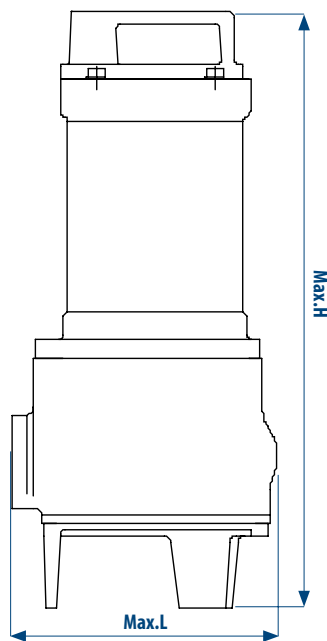
**Discharge SPIGOT for S-WP0-65 2 1/2" Hose**  
 Article no.: 20210253



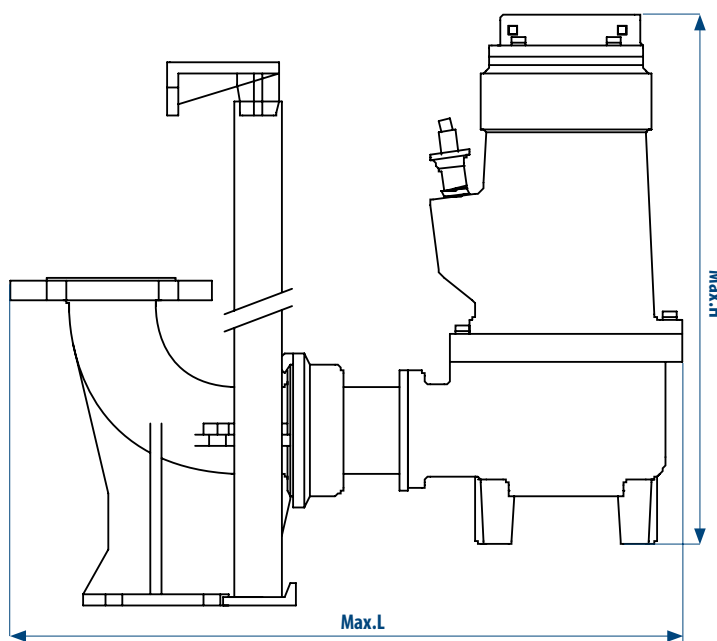
**Threaded Flange Kit for S-WP0-65 2 1/2"**  
 Article no.: 20200112



DanPumps S-WP0-37



DanPumps S-WP0-50



DanPumps S-WP0-65

Also available as Grinder Pump

Type	kW P2	Rpm	Outlet flang
S-WP0-37	0.55	2850	1 1/2"
S-WP0-37	0.55	2850	1 1/2"
S-WP0-50	0.8	2850	2"
S-WP0-50	0.8	2850	2"
S-WP0-65-2	1.85	2850	DN65
S-WP0-65-2	2.2	2850	DN65
S-WP0-65-2	1.1	1450	DN65

Type	Max. Height	Max. Width	Max. Length
S-WP0-37	350 mm	150 mm	160 mm
S-WP0-37	350 mm	150 mm	160 mm
S-WP0-50	425 mm	165 mm	190 mm
S-WP0-50	425 mm	165 mm	190 mm
S-WP0-65-2	549 mm	220 mm	616 mm
S-WP0-65-2	549 mm	220 mm	616 mm
S-WP0-65-2	549 mm	220 mm	616 mm