

Wastewater Pumps

DanPumps S-WN2 - 50 Hz

Product Applications

The DanPumps S-WN2 pump is specifically designed for wastewater applications, especially for water with a high solid content or fibrous media.

Design

The characteristics of our wastewater pumps are high quality, long lifetime and user-friendly design. The DanPumps S-WN2 pump can be delivered as horizontal or vertical installation and with either a channel, a vortex or a B-tween impeller.



Materials

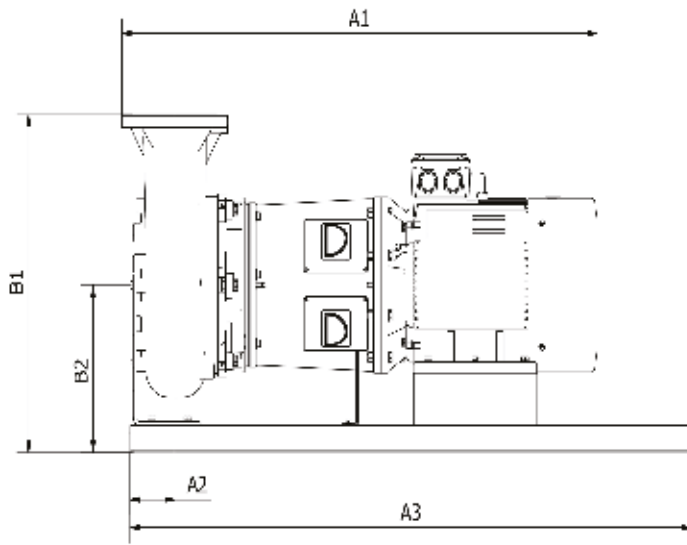
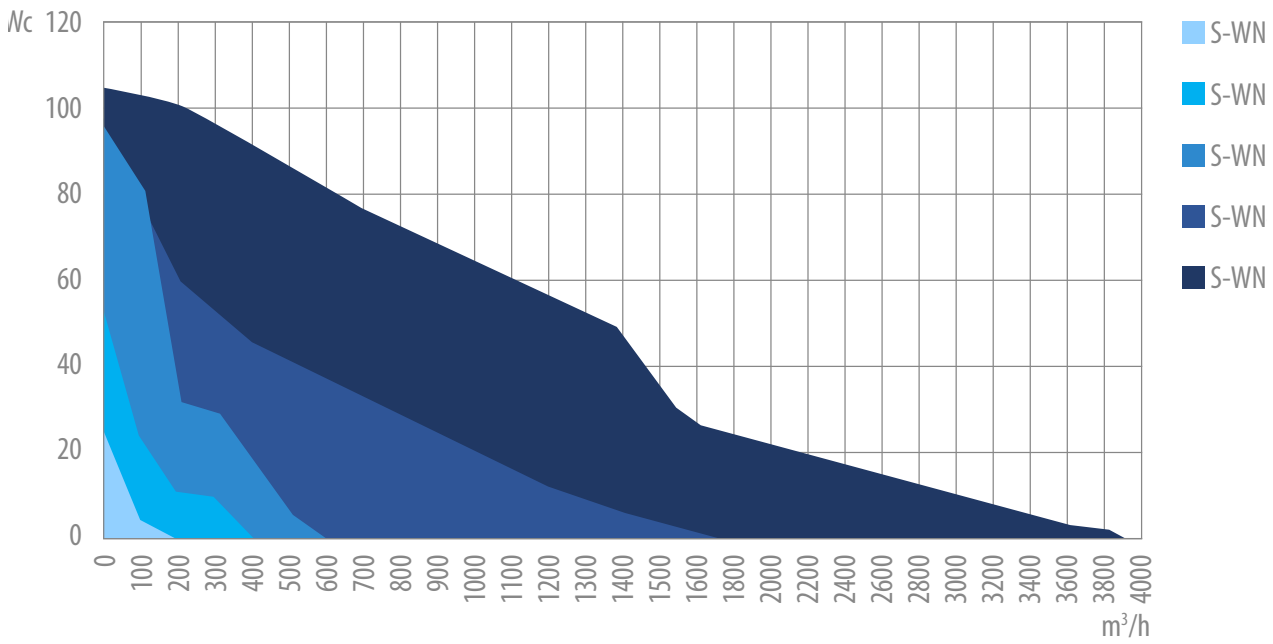
Pump Housing, base elbow, cartridge seal	Grey cast iron	GJL-250 (GG25)	A-48 Class35
Impeller (cast iron) adapter	Ductile cast iron	GJS-400-15 (GGG-40)	A536 GR 65-45
Option: Stainless steel impeller	Stainless cast steel	W.Nr.1.4401	AISI 316
Shaft	Stainless steel	W.Nr.1.4057	AISI 431
Seal sleeve, screws	Stainless steel	W.Nr.1.4301	AISI 304
O-rings	Nitrile	Nitrile	
Oil	Mobil DTE 24	Premium Hydraulic	
Mechanical seal	Media side: SIC/SIC	Cooling side: SIC/Carbon	
Motor	Standard	IP55 IE3	

Operation standards:

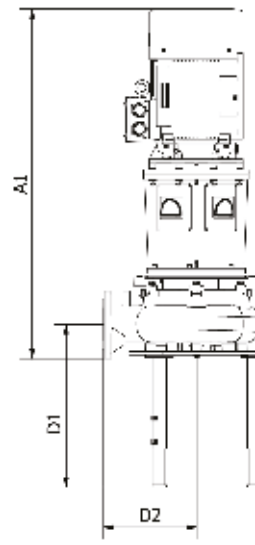
- Connections up to DN80.
- Flow rate up to 300m³/h.
- Channel, vortex and B-tween impellers within the same volute.
- Equipped with double mechanical cartridge seal.
- Standard motor IP55 IE2/IE3 2 - 4 - 6 pole.
- Long lifetime due to accurate balancing.
- Customized solutions through a modular system.
- Easy maintenance.
- Adjustable wear ring.



Performance Curves - Complete DanPumps S-WN1 to DanPumps S-WN5 Range - 50 Hz



DanPumps S-WN2 - Horizontal Installation



DanPumps S-WN2 - Vertical Installation

Type	A1	A2	A3	B1	B2	D1	D2
S-WN2-802L-M112	906 mm	69 mm	1000 mm	588 mm	330 mm	229-364 mm	261 mm
S-WN2-802L-M132	917 mm	69 mm	1000 mm	588 mm	330 mm	229-364 mm	261 mm
S-WN2-802L-M160	1066 mm	69 mm	1000 mm	588 mm	330 mm	229-364 mm	261 mm
S-WN2-100-2L-M112	909 mm	86 mm	1000 mm	593 mm	550 mm	270-405 mm	265 mm
S-WN2-100-2L-M132	920 mm	86 mm	1000 mm	593 mm	550 mm	270-405 mm	265 mm
S-WN2-100-2L-M160	1045 mm	86 mm	1000 mm	593 mm	550 mm	270-405 mm	265 mm
S-WN2-150-2L-M112	941 mm	104 mm	1000 mm	682 mm	740 mm	270-405 mm	352 mm
S-WN2-150-2L-M132	953 mm	104 mm	1000 mm	682 mm	740 mm	270-405 mm	352 mm
S-WN2-150-2L-M160	1101 mm	104 mm	1000 mm	682 mm	740 mm	270-405 mm	352 mm