

Wastewater Pumps

DanPumps WP5 - 50Hz

Product Applications

The DanPumps S-WP5 pump is especially designed for wastewater applications and offers high hydraulic efficiencies from 75-200 kW. It is suitable for unscreened wastewater from sewage plants and industries.

Design

The characteristics of our wastewater pumps are high quality, long lifetime and user friendly design. The DanPumps S-WP5 pump can be delivered as dry, wet or portable installation and with either a channel, 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
Coolant	20% Propylene glycol	80% water	
O-rings	Nitrile	NBR	
Oil	Mobil DTE 24	Premium Hydraulic	
Mechanical seal	Media side: SIC / SIC	Cooling side: SIC / Carbon	
Motor	Siemens	IE3	Class F

Operation standards

- Connections up to DN400
- Flow Rate up to 3500 m³/h
- Overheating and moisture protection
- Channel, vortex and B-tween impellers in the same volute
- Double mechanical cartridge seal
- High-efficient motors, class H as an option
- Long lifetime due to accurate balancing
- Customized solutions and a modular system
- All DanPumps S-WP pumps can be fitted with closed cooling jacket
- Easy maintenance
- Adjustable wear ring

