

## 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 m<sup>3</sup>/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



