

#### Features:

- submersible waste water pump made of cast iron for portable and stationary (coupling system) purposes
- pump housing, motor housing and impeller made of cast iron, shaft made of stainless steel
- motor winding with thermal winding protection (M-Version only)
- mechanical seal and additional shaft seal
- three-phase or mono-phase motor
- pressure outlet DN 50
- ZPG 50.X M (version A) with mounted float switch
- ZPG 50.X T retrofittable float switch available as an accessory

#### Application:

- pumping of waste water with solid ingredients
- pumping of rainwater and surface water
- portable pump for emergency drainage and drainage of manholes

#### Scope of delivery:

- version M (mono-phase 230 V): pump with 10 m power cable and plug, version WA with mounted float switch
- version T (three-phase 400 V): pump with 10 m power cable
- all pumps without stand feet and outlet bend
- optional coupling system (see accessories)



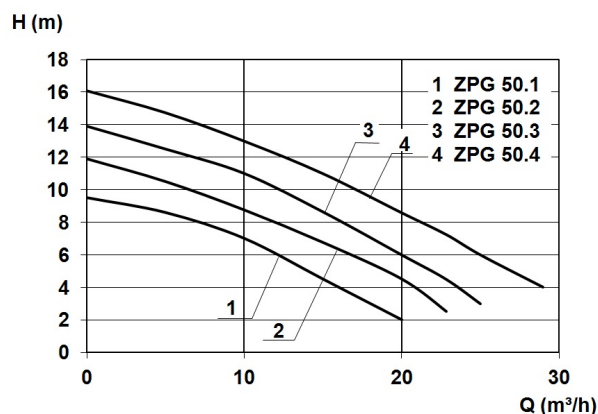
#### Product benefits:

- blockage-free operation by up to 44 mm solids handling
- double sealing by mechanical seal and additional shaft seal
- available as complete system incl. FPS pumping station or as guide rail system with coupling for existing manholes

#### Technical data:

Art.no.	U [V]	P <sub>1</sub> [W]	P <sub>2</sub> [W]	I <sub>n</sub> [A]	n [min <sup>-1</sup> ]	Q <sub>max</sub> [m <sup>3</sup> /h]	H <sub>max</sub> [m]	SH [mm]	P0	Weight [kg]
13069	230	1800	1100	8,2	2800	25,0	13,9	45	DN 50	23

#### Characteristics:



#### Materials:

Material impeller:	cast-iron GG25
Seal motor:	shaft seal
Seal pump:	mechanical seal
Material motor housing:	cast-iron GG25
Material pump housing:	cast-iron GG25
Material motor shaft:	stainless steel AISI 420

**Dimensions:**

portable application

fixed application

