

submersible sewage pump with cutting system

### Features:

- energy-efficient, explosion-proof sewage pump made of cast iron for portable and stationary (coupling system) purposes
- robust, adjustable cutting system made of corrosionresistant special alloy
- motor housing, pump housing, seal carrier and impeller made of cast iron
- double bidirectional mechanical seals with intermediate oil chamber
- horizontal pressure outlet with flange DN 50
- lateral cable gland with strain relief and kink protection
- protection grade IP 68 fully submersible

### **Application:**

- pumping of sewage from collection sumps
- pressure drainage
- installation in polyethylene or concrete manholes
- as grinder pump on sewage lifting units

# Scope of delivery:

- pump with 10 m power cable
- all pumps without stand feet and outlet bend
- optional coupling system (see accessories)



#### Product benefits:

- high performance cutting system (adjustable cutting gap; pre-adjusted to ≤ 0.05 mm)
- easily cuts textiles
- explosion-proof version
- double mechanical seal protects motor from incoming water
- available as complete system incl. FPS pumping station or as guide rail system with coupling for existing manholes

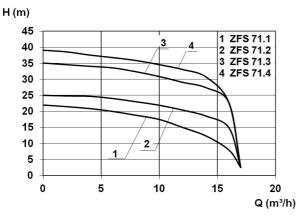
# **Technical data:**

Art.no.	U [V]	P <sub>1</sub> [W]	P2 [W]	ln [A]	n [min-1]	Qmax [m³/h]	Hmax [m]	PO	Weight [kg]
17382	3~400	2.100	1.700	3,7	2800	17,0	22,0	DN 50	46

**Materials:** 

Material motor shaft:

# **Characteristics:**



Material impeller:	PA6 GV25				
Seal motor:	mechanical seal SIC/SIC/NBR				
Seal pump:	mechanical seal SIC/SIC/NBR				
Material motor housing:	cast-iron GG25				
Material pump housing:	cast-iron GG25				

stainless steel AISI 420



### **Dimensions:**

