

### Features:

- energy-efficient, explosion-proof sewage pump made of cast iron for portable and stationary (coupling system) purposes
- robust, adjustable cutting system made of corrosion-resistant 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)



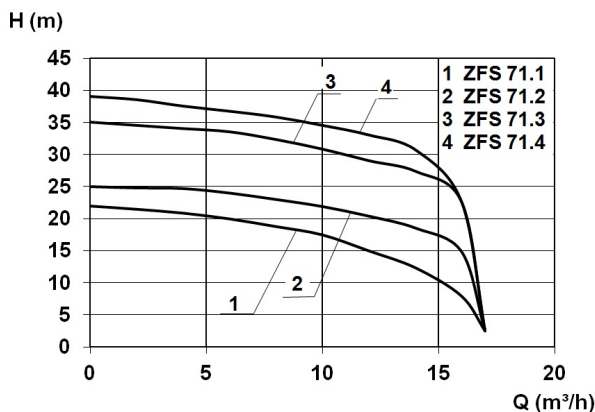
### Product benefits:

- high performance cutting system (adjustable cutting gap; pre-adjusted to  $\leq 0.05$  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]	P <sub>2</sub> [W]	I <sub>n</sub> [A]	n [min-1]	Q <sub>max</sub> [m <sup>3</sup> /h]	H <sub>max</sub> [m]	P0	Weight [kg]
17381	1~230	2.200	1.600	10,5	2800	17,0	22,0	DN 50	46

### Characteristics:



### Materials:

Material impeller:	cast-iron GG25
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
Material motor shaft:	stainless steel AISI 420

**Dimensions:**

portable application

fixed application

