

### Features:

- submersible sewage pump made of cast iron
- motor housing, pump housing and seal carrier made of cast iron
- single-channel impeller made of cast iron with fibre cutting insert
- double bidirectional mechanical seals with intermediate oil chamber
- pressure outlet DN 100
- explosion-proof motor (Ex.)
- lateral cable entry with strain relief and break protection
- protection grade IP 68 – fully submersible

### Application:

- pumping of sewage with coarse and long-fibred ingredients
- installation in domestic and public concrete pumping stations
- applicable for vertical and horizontal dry well installations (intermittent duty S3)

### Scope of delivery:

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



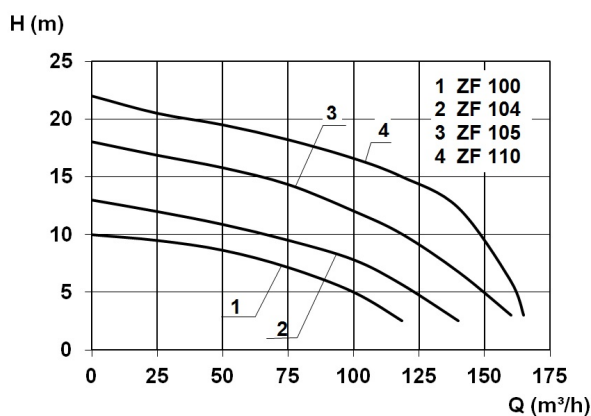
### Product benefits:

- blockage-free operation by fibre-cutting plate and 100 mm solids handling
- high pumping capacity
- explosion-proof version
- double mechanical seal protects motor from incoming water
- guide rail system with coupling foot for existing manholes available

### Technical data:

| Art.no. | U<br>[V] | P <sub>1</sub><br>[W] | P <sub>2</sub><br>[W] | I <sub>n</sub><br>[A] | n<br>[min <sup>-1</sup> ] | Q <sub>max</sub><br>[m <sup>3</sup> /h] | H <sub>max</sub><br>[m] | SH<br>[mm] | P0     | Weight<br>[kg] |
|---------|----------|-----------------------|-----------------------|-----------------------|---------------------------|-----------------------------------------|-------------------------|------------|--------|----------------|
| 11249   | 400      | 6.300                 | 5.500                 | 12,1                  | 1450                      | 160,0                                   | 18,0                    | 100        | DN 100 | 146            |

### 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:**

