

**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 (with pump connection bend)
- 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:**

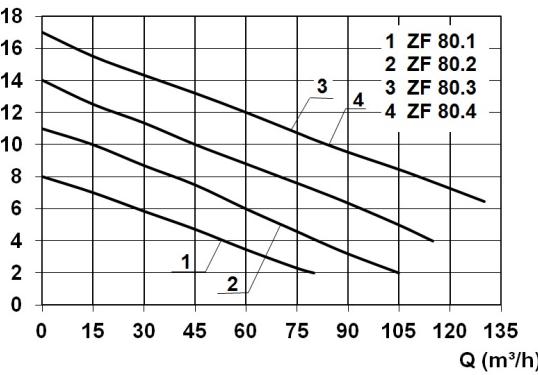
- blockage-free operation by fibre-cutting plate and 80 mm solids handling
- high pumping capacity
- explosion-proof version
- double mechanical seal protects motor from incoming water
- guide rail system with coupling foot for existing manholes available

**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] |
|---------|----------|-----------------------|-----------------------|-----------------------|---------------------------|---|-------------------------|------------|--------|----------------|
| 11231   | 400      | 3200                  | 2500                  | 5,7                   | 1450                      | 80,0                                    | 8,0                     | 80         | DN 100 | 84             |

**Characteristics:**

H (m)


**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:**
