

### Features:

- polyethylene container with 1000 litres capacity and up to 500 litres switching volume
- two single-channel impeller pumps with fibre cutting insert and large solids handling
- mechanical seal (up to 4kW) or chilled casting seal (> 5 kW) and shaft seal with intermediate oil chamber
- pump housing with flanged outlet bend DN 100
- lateral inlet with loose-type flange DN 150
- additional connection 1 ½" for manual diaphragm pump
- air vent with loose-type flange DN 100 (Ø 110 mm)
- star-delta-start for 7,5 kW unit
- operation temperature max. 55°C
- operating mode S3 - 25%
- protection grade IP 56 (5.5 & 7.5) / IP 68 (3.0 & 4.0)

### Application:

- drainage of domestic sewage from apartment buildings, residential areas, hospitals, schools etc.
- institutions which need a continuous sewage drainage
- above-ground installation in frost-free rooms below the backflow level

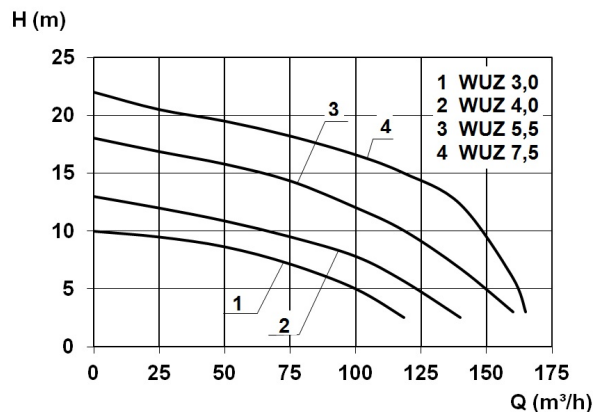
### Scope of delivery:

- pre-assembled lifting unit with 3,5 m connection cable to the motor and 5,0 m pneumatic tube to the control
- incl. ZPS2: comfortable, pneumatic level control with microcontroller, LCD plain text display for filling level, maintenance, operating hours, fault message and alarm signal in switchbox for indoor installation (7,5 kW ZPS2 control with star-delta-start)
- Small compressor set with bubbler system
- Attention! Non-return valve, gate valve, Y-pipe and further junction fittings optional (see accessories)

### Technical data:

| Art.no. | U<br>[V] | P <sub>1</sub><br>[W] | P <sub>2</sub><br>[W] | In<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] |
|---------|----------|-----------------------|-----------------------|-----------|---------------------------|---|-------------------------|------------|--------|----------------|
| 10551   | 400      | 2 x 4000              | 2 x 3000              | 2 x 6,9   | 1400                      | 120,0                                   | 10,0                    | 80         | DN 100 | 370            |

### Characteristics:



### Product benefits:

- custom dimensions, custom inlets and on-site-assembly possible
- large container volume and switching volume (container volume up to 20.000 litres available)
- blockage-free operation by 80 mm (3,0 & 4,0 kW version) or 100 mm (5,5 & 7,5 kW version) solids handling
- comfort control unit included in delivery

### Materials:

|                         |                        |
|-------------------------|------------------------|
| Material impeller:      | cast-iron GG20         |
| Seal motor:             | shaft seal             |
| Seal pump:              | mechanical seal        |
| Material motor housing: | Light metal L-2521     |
| Material pump housing:  | cast-iron GG20         |
| Material motor shaft:   | stainless steel 1.4101 |

**Dimensions:**

