

**Features:**

- polyethylene container with 480 litres capacity and up to 270 litres switching volume
- vortex pump with large solids handling
- mechanical seal and shaft seal with intermediate oil chamber
- pump housing with cast-on outlet bend DN 100
- lateral inlet with loose-type flange DN 100
- additional connection 1 ½" for manual diaphragm pump
- air vent with loose-type flange DN 100 (Ø 110 mm)
- operation temperature max. 55°C
- operating mode S3 - 25%
- protection grade IP 57 - temporarily submersible

**Application:**

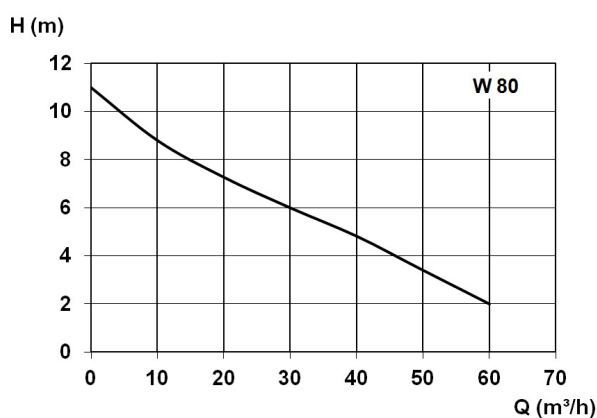
- drainage of domestic sewage from apartment buildings, schools, public or industrial institutions
- institutions which need a continuous sewage drainage
- above-ground installation in frost-free rooms below the backflow level

**Scope of delivery:**

- pre-assembled lifting unit with 3,5 m connection cable to the motor and 3,5 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
- Small compressor set with bubbler system
- Attention! Non-return valve, gate valve and further junction fittings optional (see accessories)

**Technical data:**

Art.no.	U [V]	P <sub>1</sub> [W]	P <sub>2</sub> [W]	In [A]	n [min <sup>-1</sup> ]	Q <sub>max</sub> [m <sup>3</sup> /h]	H <sub>max</sub> [m]	SH [mm]	PO	L [mm]	W [mm]	H [mm]	Weight [kg]
10539	400	4.000	3.000	6,9	1400	60,0	11,0	80	DN 100	1105	1000	1115	229

**Characteristics:**

**Product benefits:**

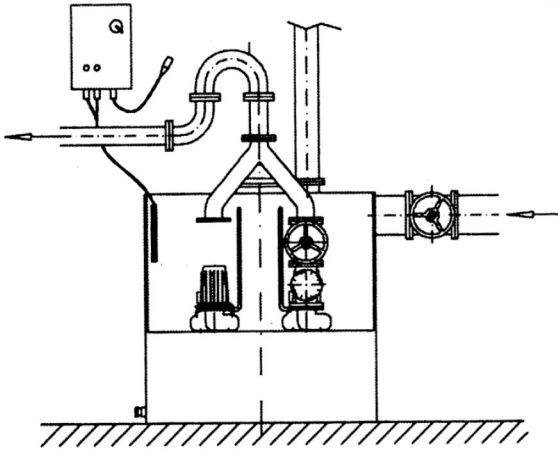
- custom dimensions, custom inlets and on-site-assembly possible
- large container volume and switching volume (container volume up to 20.000 litres available)
- blockage-free operation by 80 mm solids handling
- comfort control unit included in delivery

**Materials:**

Seal motor:	shaft seal
Seal pump:	mechanical seal



**Example of installation:**



**Dimensions:**

