

### Features:

- polyethylene container with 150 litres capacity and up to 80 litres switching volume
- vortex pumps with high efficiency and low operation noise
- mechanical seal and shaft seal with intermediate oil chamber
- inlets: 2 x lateral DN 100, 1 x lateral DN 50, 1 x back DN 100 and 1 x top DN 50/100
- additional connections 1 ½" for manual diaphragm pump
- air vent DN 70 (Ø 75mm)
- operation temperature max. 55°C
- operating mode S3 - 25%
- protection grade IP 68 - fully submersible

### Application:

- removal of domestic sewage out of single- or multi family houses
- in public institutions, where the disposal of sewage must not be interrupted
- above-ground installation in rooms protected from frost below the backwash 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 with integrated non-return valves DN 100 (Kompaktboy Duplex 3,0-2P with external cast iron non-return valves)
- Y-pipe DN 100/100/100
- connection flange piece DN 100 for pressure pipe (DN 80 optional)
- flexible connection with tension clamps for pressure pipe and ventilation pipe
- 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



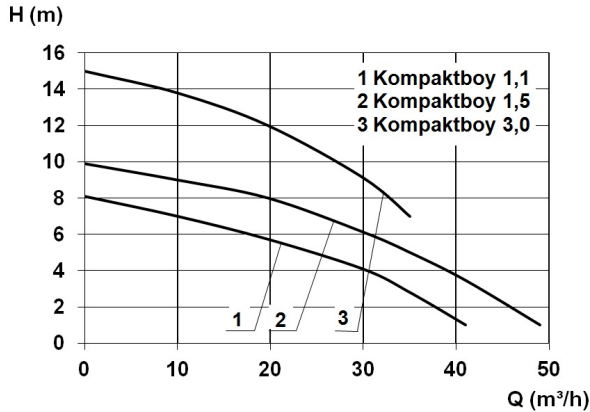
### Product benefits:

- compact dimensions
- pre-assembled - connection pieces, non-return valve integrated (except 3kW)
- comfort control unit included in delivery
- high delivery heads
- integrated pressure measurement for mm-precise switch points
- all-side connections for easy installation in cramped rooms

### 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] | PO     | L<br>[mm] | W<br>[mm] | H<br>[mm] | Weight<br>[kg] |
|---------|----------|-----------------------|-----------------------|-----------------------|---------------------------|---|-------------------------|------------|--------|-----------|-----------|-----------|----------------|
| 17558   | 400      | 1.400                 | 1.100                 | 2,9                   | 1400                      | 41,0                                    | 8,1                     | 50         | DN 100 | 1198      | 605       | 766       | 76             |

### Characteristics:



### Materials:

|             |                 |
|-------------|-----------------|
| Seal motor: | shaft seal      |
| Seal pump:  | mechanical seal |

### Dimensions:

