



**New!**

## Floodable sewage lifting units

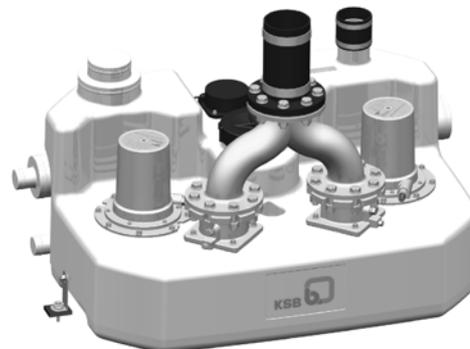
CE - EN 12 050-1



mini-Compacta U1.60



mini-Compacta U1.100



mini-Compacta UZ1.150

### Applications

Disposal of sewage from toilet facilities below the backwash level, e.g.:

- Basement flats
- Bars, basement party rooms and saunas
- Cinemas and theatres
- Department stores and hospitals
- Hotels, restaurants and pubs or schools

#### mini-Compacta U60

Particularly compact package units with a tank footprint as small as 500 x 500 mm, for installation in a pit or at floor level.

#### mini-Compacta U100

Powerful single-pump units with a high effective volume for above-average sewage volumes and high discharge heads in single-family houses.

#### mini-Compacta UZ150

Duplex-pump units for installations requiring uninterrupted waste water drainage, e.g. in basement flats, restaurants / pubs, cinemas, etc. In accordance with EN12 050-1 a stand-by pump is required for such applications.

#### mini-Compacta US100/UZS150

Single- / Duplex-pump units with cutter. Used in all cases where only small pipe cross sections are possible before connection to the collecting main, above all for subsequent installation in old buildings. They are used above and below the backwash level, also as pumped drainage system.

### Fluid pumped

Domestic sewage and faeces.

For aggressive fluids, use variant C.

### Operating data

Q up to 36 m<sup>3</sup>/h, 10 l/s

H up to 25 m

t up to 40 °C, for max. 5 minutes up to 65 °C

### Mode of operation

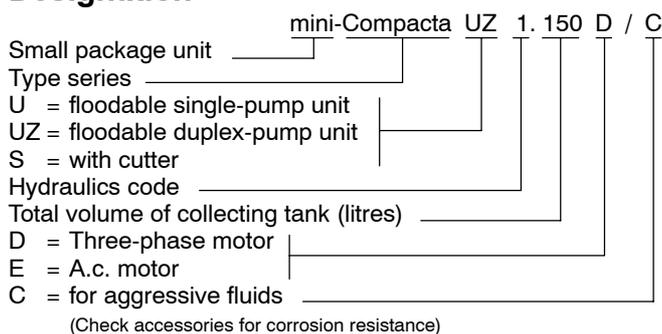
Intermittent operation S3 50 % to VDE.

Max. number of start-ups: 60 / h

### Bearings

Maintenance-free greased-for-life deep-groove ball bearings.

### Designation



### Materials

mini-Compacta	U60, U100, UZ150	US100, UZS150	U60 /C, U100 /C, UZ150 /C
Tank	Polyethylene	Polyethylene	Polyethylene
Pump casing	Polyethylene	Grey cast iron	Polyethylene
Impeller	Ultradur	Grey cast iron	Ultradur
Cutter	-	Nori-hard	-
Motor shaft	Stainless steel	Stainless steel	Stainless steel (V4A)
Casing cover	Grey cast iron	Grey cast iron	Stainless steel (V4A)
Check valve	Grey cast iron	-	Stainless steel (V4A)
Float	Polypropylene	Polypropylene	Polypropylene
Screws, bolts and nuts	Stainless steel	Stainless steel	Stainless steel (V4A)

### Drive

Surface-cooled three-phase or single-phase a.c. motors with motor protection. Protected against overheating by integrated temperature control devices.

Motor design to VDE 0530, Part 1/IEC 34-1.

Enclosure IP 68

Thermal class F

Voltage 400 V (D) or 230 V (E)

Frequency 50 Hz

Other voltages and frequencies on request.

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