



system-description: BGF-Z, BGU-Z NW300

### **Line-drainage-system consisting of:**

- **Channel Body** made of cement with concreted edge made of galvanized steel or stainless steel 1.4301 or cast iron, standard length 1000mm, with safety seam
  - optional: with or without bottom outlet / 500mm / shallow channel
  - Load Class A15kN - E600kN; tested according to EN1433; CE-certified
  - 2 times quick-locking system (SV) per cover, no crossbars in the channel cross-section
  - the ductile iron bar grating cl. E can be 4-point bolted in the channel with cast iron edge only. This means a secure 8-point bolting per linear meter.
  - gratings equipped with the quick-locking system (SV) up to cl. D can be bolted in addition (4 bolts)
  
- **Channel Covers** cl. C250kN - E600kN depending on the requirements out of galvanized steel, stainless steel 1.4301 or ductile iron (GGG) with quick-locking system (SV) or screw connection: mesh grating MW30/10, ductile iron slotted gratings: SW 18/150, ductile iron bar grating MW25/14
  
- **Accessoires:**
  - sump unit: out of cement with concreted edge matching the channel
  - optional: silt bucket (plastic), odor trap (plastic)
  - Front and end plates out of galvanized steel or stainless steel 1.4301; with or without outlet

### **specification text:**

1. prefabricated drainage channels, NW 300mm of cement with concreted galvanized steel edge, stainless steel edge or cast iron edge to load class E600kN, manufactured and tested to EN1433 - CE certified, with or without bottom outlet  
construction length: 1000mm (500mm)

NW300 BGU-Z:	width: 363mm	height: 340 mm	wall thickness: 30mm
NW300 BGF-Z	width: 363mm	height: 140 mm	wall thickness: 30mm
max. weight:	BGU-Z: 123kg	BGF-Z: 52 / 53kg	
  
2. gratings made of galvanized steel, stainless steel (1.4301) or ductile iron with integrated protection against longitudinal movement and quick-locking system (SV), load class C250kN - E600kN, manufactured and tested according to EN1433 - CE certified
  - cl. C: mesh grating: length 1000/500mm, MW30/10 – galvanized steel
  - cl. D: ductile iron grating: length 500mm, SW18/150 - ductile iron
  - cl. E: ductile iron bar grating: length 500mm, MW25/14- ductile iron
  
3. sump unit of cement with concreted edge made of galvanized steel, stainless steel (1.4301) or cast iron  
Dimensions: length 550mm, (WxH) 565x990  
outlet: DN 200 by pipe-coupling RDS  
optional: silt bucket made out of stainless steel
  
4. front / end plates without or with outlet DN200 galvanized steel or stainless steel (1.4301)
  
5. odor trap for bottom outlet DN200 made of plastic
  
6. bolting material for ductile iron bar grating cl. E made of galvanized steel or stainless steel (1.4301)