



### Line-drainage-system consisting of:

- **Channel body** made of cement with concreted z-shaped edge made of cast iron, standard length 1000mm, with safety seam
  - optional: channels with internal slope 0.5% / with or without bottom outlet / 500mm
  - Load Class A15kN – F900kN; tested according to EN1433; CE-certified
  - class D gratings with quick-locking system (SV), additional 4-times bolting each meter channel
  - class E gratings with quick-locking system (SV) or optional 8-times bolting each meter channel
  - class F gratings with 8-times bolting each meter channel
  
- **Channel Covers** cl. D400kN – F900kN depending on the requirements out of galvanised steel, or ductile iron (GGG) with quick-locking system (SV) or bolting material: mesh grating MW30/10, ductile iron bar grating MW27/13, ductile iron slotted gratings: SW16/120, closed cover
  
- **Accessoires:**
  - sump unit: out of cement with concreted z-shaped edge pipe fairlead RDS NW150
  - optional: silt bucket (plastic), odor trap for bottom outlet (plastic)
  - Front and end plates out of galvanized steel or; with or without outlet
  - Forsheda-sealing for bottom-outlet (DN100)
  - bolting material for each grating

### specification text:

1. prefabricated drainage channels, NW 100mm of cement with concreted z-shaped cast iron edge to load class F900kN, manufactured and tested to EN1433 - CE certified, with or without bottom outlet  
 construction length: 1000mm (500mm)  
 NW100:                      width: 198mm    height: 185 - 285 mm    wall thickness: 47mm  
 max. weight:                      0 – 20-0: 63 – 83kg
  
2. gratings made of galvanized steel or ductile iron with integrated protection against longitudinal movement and quick-locking system (SV), or bolting material, load class D400kN – F900kN, manufactured and tested according to EN1433 - CE certified
  - cl. D: mesh grating:                                      length 1000/500mm, MW30/10 – galvanized steel
  - cl. D: ductile iron grating:                                      length 500mm, SW18/120 - ductile iron
  - cl. E: ductile iron bar grating:                                      length 500mm, MW27/13- ductile iron
  - cl. F: ductile iron grating:                                      length 500mm, SW16/120 - ductile iron
  - cl. F: ductile iron cover:                                      length 500mm, closed - ductile iron
  
3. sump unit of cement with concreted edge made of cast iron  
 Dimensions: length 500mm, (WxH) 211x510  
 outlet: DN 100 by pipe-coupling RDS  
 optional: silt bucket and odor trap made out of pipe elbows (PVC)
  
4. front / end plates without or with outlet DN100 galvanized steel
  
5. Forsheda-sealing for bottom-outlet (DN100)
  
6. bolting material for mash grating and ductile iron grating made of galvanized steel
  
7. odor trap for bottom outlet DN100 made of plastic