

Trench drain body with integral galvanized steel rails - 39.40" (1000mm) length

Channel body BG-FILCOTEN® pro V NW 150 (6") – heavy duty series

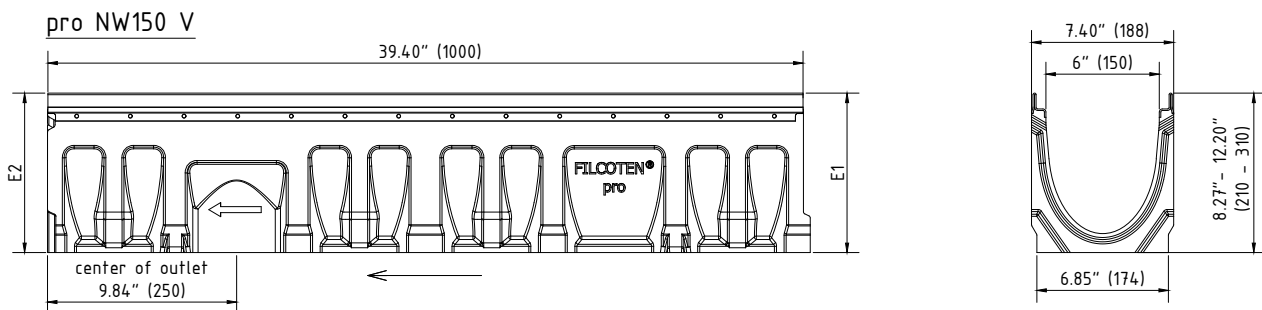
| | Body part number galvanized rails | Channel type | Slope | Overall body depth | | Maximum flow rate | | | Weight (less grate) | |
|---|-----------------------------------|--------------|-------|--------------------|-----------------|-------------------|--------|--------|---------------------|------|
| | | | | E1 (Min.) | E2 (Max.) | GPM *) | LPS *) | CFS *) | Lbs | Kg |
| ○ | 10615200 | 150/0 | 0 % | 8.27" (210 mm) | 8.27" (210 mm) | 172.8 | 10.9 | 0.38 | 67.90 | 30.8 |
| ○ | 10615201 | 150/1 | 0.5 % | 8.27" (210 mm) | 8.46" (215 mm) | | | | 69.45 | 31.5 |
| ○ | 10615202 | 150/2 | 0.5 % | 8.46" (215 mm) | 8.66" (220 mm) | | | | 70.99 | 32.2 |
| ○ | 10615203 | 150/3 | 0.5 % | 8.66" (220 mm) | 8.86" (225 mm) | | | | 72.53 | 32.6 |
| ○ | 10615204 | 150/4 | 0.5 % | 8.86" (225 mm) | 9.06" (230 mm) | | | | 74.08 | 33.6 |
| ○ | 10615205 | 150/5 | 0.5 % | 9.06" (230 mm) | 9.25" (235 mm) | | | | 75.62 | 34.3 |
| ○ | 10615261 | 150/5-0 | 0 % | 9.25" (235 mm) | 9.25" (235 mm) | 217.2 | 13.7 | 0.48 | 76.28 | 34.6 |
| ○ | 10615206 | 150/6 | 0.5 % | 9.25" (235 mm) | 9.45" (240 mm) | | | | 76.94 | 34.9 |
| ○ | 10615207 | 150/7 | 0.5 % | 9.45" (240 mm) | 9.65" (245 mm) | | | | 78.48 | 35.6 |
| ○ | 10615208 | 150/8 | 0.5 % | 9.65" (245 mm) | 9.84" (250 mm) | | | | 79.81 | 36.2 |
| ○ | 10615209 | 150/9 | 0.5 % | 9.84" (250 mm) | 10.04" (255 mm) | | | | 81.35 | 36.9 |
| ○ | 10615210 | 150/10 | 0.5 % | 10.04" (255 mm) | 10.24" (260 mm) | | | | 82.67 | 37.5 |
| ○ | 10615262 | 150/10-0 | 0 % | 10.24" (260 mm) | 10.24" (260 mm) | 266.3 | 16.8 | 0.59 | 88.33 | 37.8 |
| ○ | 10615264 | 150/20-0 | 0 % | 12.20" (310 mm) | 12.20" (310 mm) | 372.5 | 23.5 | 0.83 | 103.40 | 46.9 |

*) GPM = Gallons per minute, LPS = Liters per second, CFS = Cubic feet per second

Specification: BG-FILCOTEN pro-V NW150, 7.40" (188mm) wide, 39.40"(1000mm) long, pre-sloped (0.5%) or neutral BG-FILCOTEN trench drain system. Body is manufactured from a high performance concrete HPC material. Bodies have interlocking ends, a radiused extract for efficient liquid drainage and a multiple anchoring ribs to securely hold the body into the concrete foundation. Each body is manufactured with an integral 0.16" (4mm) thick, extra heavy duty, galvanized steel rail. End and bottom outlets are available in 6"(150mm) no hub outlet connections. Grate options include extra heavy duty ductile iron (Load Class D and E), slotted heavy/medium duty galvanized steel (Load Class B, C and D). Decorative grates are available. Grates are secured to the body with a four point self-locking system. Catch basins and others accessories are also available.

Function: Used in commercial areas such as factories, warehouses, parking garages, car dealerships, gas stations, public and residential areas, parks, sports complexes, town squares, railway stations and cycle and foot paths. Ideal for environmentally sensitive areas because the body channels are free of resins, heavy metals, VOC and chemicals. Exceptional adhesion to surrounding concrete foundation due to the concrete composition of the body channels - resulting in a monolithic all concrete installation. Less breakage during transport and installation due to impact resistant, fibre-reinforced, UV resistant concrete material. Extra heavy duty integral galvanized steel rail allows for heavy duty, hard wheel traffic applications.

1. Channel:



MATERIALS: Channels shall be manufactured from FILCOTEN® HPC (High Performance Concrete). Minimum properties of FILCOTEN® HPC will be as follows:

| | |
|--|-----------|
| Compressive strength according to ASTM C39: | 11700 PSI |
| Flexural strength: | 1700 PSI |
| Free of release agents: | YES |
| Water absorption sufficient for adhesion with concrete surfaces: | YES |
| Non flammable: | YES |

| | |
|---|-----|
| U/V resistant: | YES |
| Recyclable 100%: | YES |
| Dilute acid and alkali resistant: | YES |
| Frost thaw salt tested as per EN1433 with a test temperature up to -40°C (-40°F): | YES |
| Resistant to rapid freezing & thawing according to ASTM C666 | YES |
| Resistant to chloride ion penetration according to ASTM C1202 | YES |
| Material free of VOC, biocides, heavy metals: | YES |