

Materials 316L SS & Polyamide
Pressure 17 Bar
Ports 1/8" or 1/4"

The DN105 automatic drains are used to remove liquids from a coalescing filter housing under positive pressure. The body is constructed from 316L stainless steel and the internals are a proprietary float drain assembly. This housing should only be used in non-corrosive applications as the internals are use polyamide. See the DF105 series for housings that have internals constructed entirely from stainless steel.

The housing has a male inlet port and this always it to be connected directly to the drain port of the coalescing filter housing. Standard housings have NPT ports and include Viton seals. Other seals types are available as an option.

The housings are free from welds and comply with NACE MR-01-75 and conform to SEP of PED 97/23/EC.



Technical Specifications

| Housing Model | DN103.111 | DN103.221 |
|--------------------------------------|-----------|-----------|
| Port Size | 1/8" NPT | 1/4" NPT |
| Drain | 1/8" NPT | 1/4" NPT |
| Maximum Pressure, Bar | 17 | 17 |
| Minimum Pressure, Bar | 1 | 1 |
| Maximum Temperature, °C | 80 | 80 |
| Materials of Construction (1) | | |
| Head & Bowl | 316L SS | 316L SS |
| Internals | PA | PA |
| Seal (2) | Viton | Viton |
| Principal Dimensions in mm | | |
| Diameter | 48 | 48 |
| Height | 95 | 95 |
| Volume, cc | 40 | 40 |
| Weight, kg | 0.65 | 0.65 |

Notes

(1) Material abbreviations, 316L SS = 316L Stainless Steel, PA = Polyamide

(2) Add suffix for other seal types, Nitrile = N, EPDM = .E, Silicone = .S, (e.g. DN103.221.E)



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