**Rometec s.r.l.**
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P. IVA 04120621000 - CCIAA RM 736916
Reg. Soc. Tribunale RM 9229/91 - Cap. soc. 46'482,00 €

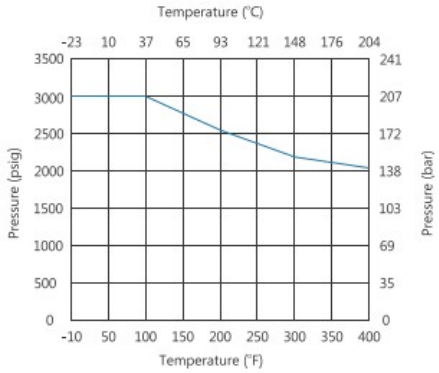
CERTIFICATO 1237 *

# FW Filter

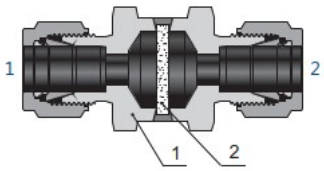
- Large filtration area and high flow coefficient
- All-welded construction for elimination of leakage
- Easy cleaning of filters by backflushing
- Full-penetration weld between body and element
- Nominal pore sizes for sintered element: 0.5, 2, 7, 15, 40, 60 and 80µ m
- Maximum working pressure: 6000 psig (414 bar)
- Working temperature: -20oF to 900oF (-28oC to 482oC)
- Body materials: 316 SS, 316LSS, 304 SS, 304L SS, and 904L SS
- Variety of end connections available

## *Flow*

CW Series
FKM Seat in 316 SS Body




## *Materials*

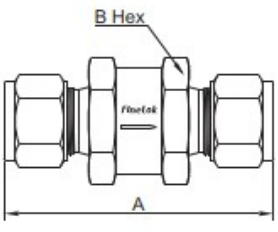



| Component | | Material Grade/ASTM Specification | |
|---|---|---|---|
| | | 316 SS | Brass |
| 1 | Body | 316 SS/A479 | Brass C36000/B16 |
| 2 | Element | Sintered 316 SS or strainer 316 SS | Sintered 316 SS or strainer 316 SS |
| 3 | Gasket | PTFE/D1710 or silver-plated 316 SS/A240 | PTFE/D1710 or aluminum/B209 |
| 4 | Spring | 302 SS/A313 | 302 SS/A313 |
| 5 | Bonnet Nut | 316 SS/A479 | C36000/B16 |
| 6 | Backup Ring | 316 SS/A276 | |
| 7 | Bonnet | 316 SS/A479 | C36000/B16 |

1. FW Series filters not available in brass
2. Lubricants: molybdenum disulfide-based and silicone-based

| Basic Ordering Number | Connection Type and Size | | Orifice in. (mm) | Dimension, in. (mm) | |
|---|---|---|---|---|---|
| | Inlet | Outlet | | A | B |
| -FW-S4- | 1/4" FINELOK | 1/4" FINELOK | 0.187(4.75) | 2.15(54.6) | 1 (25.4) |
| -FW-SM6- | 6 mm FINELOK | 6 mm FINELOK | | | |
| -FW-FNT4- | 1/4 Female NPT | 1/4 Female NPT | 0.453(11.5) | 1.57(39.9) | |
| -FW-NT4- | 1/4 Male NPT | 1/4 Male NPT | 0.281(7.14) | 1.89(48.0) | |
| -FW-CR4- | 1/4 Male CR | 1/4 Male CR | 0.187(4.75) | 2.04(51.8) | |

FW Series



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