

SW205

Cyclone Disc Filter Housing

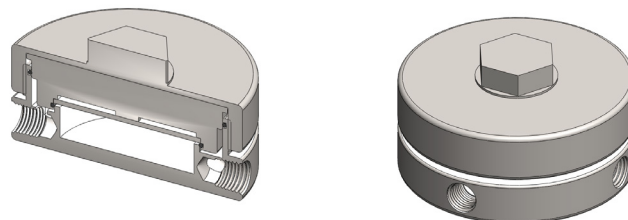
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|--------------------|-----------------------------|
| Materials | 316L Stainless Steel |
| Pressure | 1500 psi |
| Ports | 1/4 or 1/2" |
| Filter Disc | FD.64.□ |

SW205 housings are designed to remove particulates from liquid samples. The inlet port is angled to create a 'cyclone' effect against a flat stainless steel filter disc. The sample flow passes through the filter to the outlet and the rest of the flow passes to the bypass port.

The housing design allows a quick change of the filter disc as all the line connections are arranged in the body of the housing and the threaded cap means no tools are required for access.

Standard housings have NPT ports and include Viton seals. Other seals types are available as an option. BSPT and BSPP port types are also available.

The housings are free from welds and comply with NACE MR-01-75.



Technical Specifications

| Housing Model | SW205.221 | SW205.441 |
|---------------------------------------|-----------|-----------|
| Port Size | 1/4" NPT | 1/2" NPT |
| Drain & Bypass Port | 1/4" NPT | 1/2" NPT |
| Maximum Pressure, psi (1) | 1500 | 1500 |
| Maximum Temperature, °F (2) | 390 | 390 |
| Materials of Construction (3) | | |
| Head, Bowl & Internals | 316L SS | 316L SS |
| Seals (4) | Viton | Viton |
| Filter Disc (5) | FD.64.□ | FD.64.□ |
| Principle Dimensions in inches | | |
| Diameter | 100 | 100 |
| Height | 53.5 | 53.5 |
| Volume, cc | 35 | 35 |
| Weight, lbs | 2.3 | 2.3 |
| Accessories | | |
| Mounting Bracket | MB.SM206 | MB.SM206 |

Notes

- (1) Above 390°F the pressure rating is reduced, consult us the exact rating at any specific temperature
- (2) Maximum temperature 390°F using standard seal. For temperatures up to 615°F use a Chemraz seal
- (3) Material abbreviations, 316L SS = 316L Stainless Steel
- (4) Add suffix for other seal types, PTFE = .T, Chemraz = .C, Nitrile = N, Kalrez = .K, EPDM = .E, Silicone = .S, (e.g. SW205.221.T)
- (5) Replace the □ with the filter disc grade required, e.g. FD.64.S20V



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