

SW205

'Cyclone' Disc Filter Housing

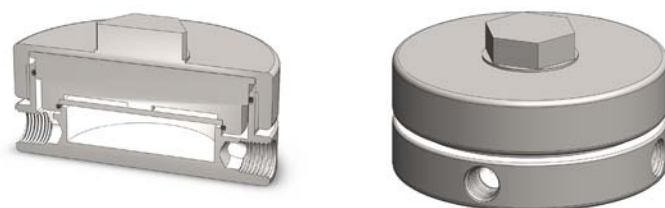
Materials	316L Stainless Steel
Pressure	100 Bar
Ports	1/4 or 1/2"
Filter Disc	FD.64.□

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 passes through the filter to the outlet and the rest of the sample 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 gaskets 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, Bar (1)	100	100
Maximum Temperature, °C (2)	200	200
Materials of Construction (3)		
Head, Bowl & Internals	316L SS	316L SS
Seals (4)	Viton	Viton
Membrane (5)	FD.64.□	FD.64.□
Principal Dimensions in mm		
Diameter	100	100
Height	53.5	53.5
Volume, cc	35	35
Weight, kg	2.3	2.3
Accessories		
Mounting Bracket	MBSM206	MBSM206

Notes

- (1) Above 200°C the pressure rating is reduced, consult us the exact rating at any specific temperature
- (2) Maximum temperature 200°C using standard 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