

Filter element FCY-2501-RA

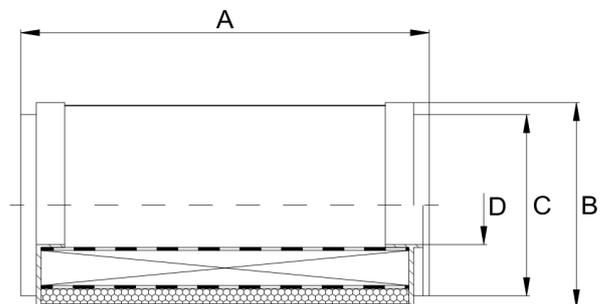
Filter elements used to remove oil and water mists, solid particles, condensate and hydrocarbon vapours in compressed gas systems.

FCY-2501-RA filter elements are manufactured using multiple coalescing filter media layers, each layer performing a distinct function. The contaminated compressed gas flows through the cartridge from inside to outside; the solid particles are trapped while the aerosols and the mist are agglomerated in larger droplets and conveyed by gas flow to the final layers ; the accumulated water and oil flow by gravity to the bottom end of the cartridge from which the liquid drops into the sump at the bottom of the filter vessel. The pleated filtering media enhance the filtering area, lowering the pressure drops and providing a longer service life.

Characteristics	
Filtration rating	0,01 micron
Air Purity Class ISO 8573-1 solid particles	Class 1
Residual oil at 20°C (inlet < 5 mg/m ³)	0,01 mg/m ³
Air Purity Class ISO 8573-1 oil aerosol	Classe 1
Operating temperature range	min. 1°C / max. 100° C
Max. differential pressure	3 bar
Flow direction	Inside / Outside
Media arrangement	Pleated
Filtering area	1570 cm ²
Pressure drop filter change out	12 mesi o $\Delta P > di$ 500 mbar

Materials	
End caps	Tecnopolymer
Internal support	Stainless steel
External cage	Stainless steel
Filter media	Cellulose resin impregnated & Borosilicate glass fiber
Standard gaskets	Buna N

Nominal dimensions mm			
A	B	C	D
250	68	55	36



Data contained in this bulletin are informative and subject to change without notice. User is responsible for determining whether the product is fit for particular purpose and suitable for User's method of application.