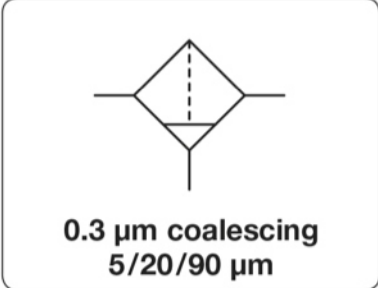


F400 - 137 - Filtre à montage en ligne, pour air comprimé et réseau de vide

Micro in-line filter F400
Description Micro in-line filters are widely used in medical and process technology for cleaning compressed air for use in instruments and pneumatic logic systems. The micro in-line filter removes particles, oil and mist from compressed air. Also suitable for vacuum.
Filter element The borosilicate micro-filter is manufactured in a special vacuum process which reduces the adhesive properties of the borosilicate fibres down to a minimum in order to achieve outstanding filtering capability. When saturated with oil, the filter turns red to indicate that replacement is required.
Filtration efficiency 99.999% based on 0.03 µm particle size
Operating pressure max. 9 bar
Connection Fitted with nipples able to take up hoses of 4.3 mm (11/16") or 6.3 mm (¼") internal diameter. Flow direction from INside to OUTside to be noted.

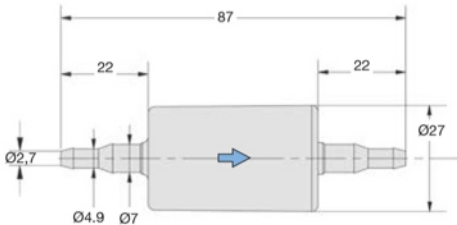
Bronze in-line filter 137
Description Bronze in-line filter for compressed air with coarse impurities.
Filter element 90 µm, 20 µm or optionally 5 µm, made of sintered bronze
Operating pressure max. 21 bar
Drainage with or without manual drain



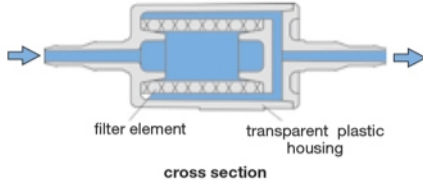
F400

Dimensions			Description	Flow rate	P ₁ max.	Filter element	Connection	Order number
A	B	C		m ³ /h*1	l/min*1	µm	thread nipple/G	

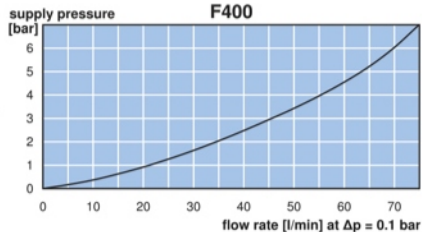
Micro in-line filter				99.999% at 0.3 µm, discolouration at saturation, max. 9 bar	F400				
87	43	Ø 27	borosilicate-micro filter	4.2	70	9	0.3	Ø 4 and Ø 6	F400



F400



cross section



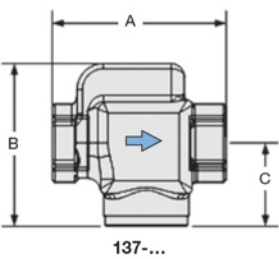
Bronze in-line filter			operating pressure max. 21 bar	137						
67	63	32	without manual drain	39	650	21	90	G¼	137-02	
				42	700			G¾	137-03	
				44	740			G½	137-04	
	48	63	32	with manual drain	39	650	21	20	G¼	137-02H
					42	700			G¾	137-03H
					44	740			G½	137-04H
		79	48	with manual drain	19	320	21	5	G¼	137-02V
					21	350			G¾	137-03V
					22	370			G½	137-04V
67	79	48	with manual drain	39	650	21	90	G¼	137-02A	
				42	700			G¾	137-03A	
				44	740			G½	137-04A	
	48	79	48	with manual drain	39	650	21	20	G¼	137-02AH
					42	700			G¾	137-03AH
					44	740			G½	137-04AH
48	79	48	with manual drain	19	320	21	5	G¼	137-02AV	
				21	350			G¾	137-03AV	
				22	370			G½	137-04AV	



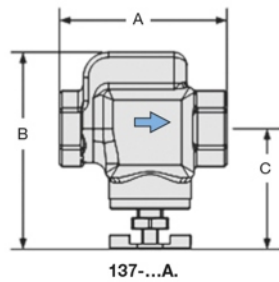
137-04



137-04A



137-...



137-...A.

*1 at 7 bar operating pressure and 0.1 bar pressure drop

