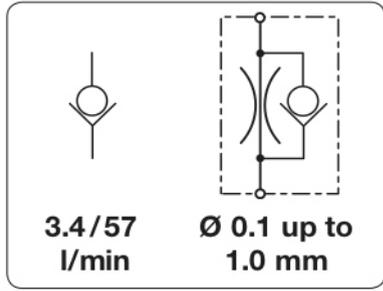


F2804 - Orifice calibré avec clapet anti-retour incorporé, à montage en ligne, corps plastique, raccordement à canules

Check valve	The check valve permits flow in one direction only. A small check disc within the housing ensures free flow in one direction and at the same time seals off on the other side.	
Restrictor check valve	The restrictor check valve provides a constant flow in one direction, defined through the orifice size, and a flow of the full nominal size towards the other direction.	
Media	5 µm filtered compressed air or non-corrosive gases	
Diameter tolerance	-3% to +10% of nominal diameter	
Operating pressure	max. 0.7 bar at F2804-400/1/2/3,	max. 5.2 bar at F2804-404
Cracking pressure	< 20 mbar at F2804-400/1/2/3,	< 25 mbar at F2804-404
Temperature range	5 °C to 50 °C / 41 °F to 122 °F	
Material	Body: polysulphone at F2804-400/1/2/3, polypropylene at F2804-404 Check disc: Celcon® at F2804-401/2, silicone at F2804-403/4	



Dimensions	Operating pressure	Check disk	Connection	Leakage rate	Flow rate	Nominal size	Order number
A	max. bar	made of		< ml/min*3	l/min*2	colour / DN	
mm							

Check valve		operating pressure max. 0.7 / 5.2 bar			F2804		
12	0.7	silicone	plain fittings Ø 2.4	3	3.4	red	1.5 F2804-400*1
		Celcon®		51		orange	1.5 F2804-401
		Celcon®		17		green	1.5 F2804-402
		silicone		3		blue	1.5 F2804-403
26	0.7	Celcon®	fittings Ø 2.7	51	3.4	grey	1.5 F2804-401-B80
		Celcon®		17		grey	1.5 F2804-402-B80
		silicone		3		grey	1.5 F2804-403-B80*1
30	0.7	Celcon®	fittings Ø 4.7	51	3.4	grey	1.5 F2804-401-B85
		Celcon®		17		grey	1.5 F2804-402-B85
		silicone		3		grey	1.5 F2804-403-B85*1
15	5.2	silicone	10-32"	1	57	grey	3.8 F2804-404*1
		silicone	fittings Ø 2.7	1		grey	3.8 F2804-404-B80
		silicone	fittings Ø 4.7	1		grey	3.8 F2804-404-B85



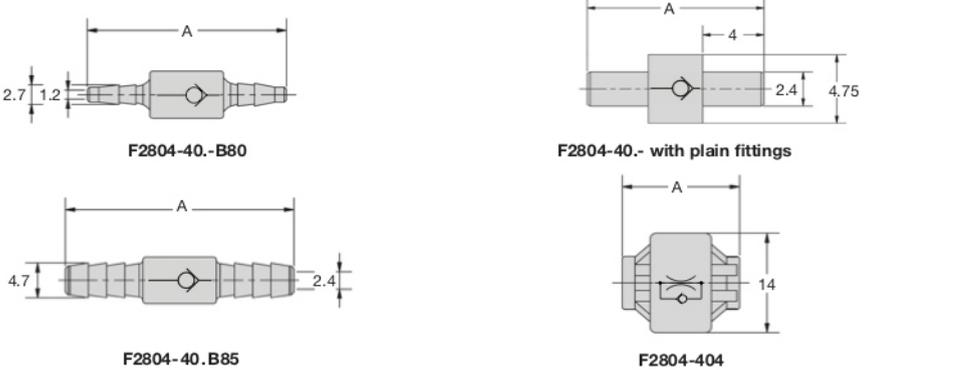
Restrictor check valve		operating pressure max. 5.2 bar			F2804		
15	5.2	silicone	10-32"				0.10 F2804-404-041*1
							0.13 F2804-404-050
							0.15 F2804-404-051
							0.18 F2804-404-071
							0.25 F2804-404-101*1
							0.30 F2804-404-121
							0.41 F2804-404-161
							0.51 F2804-404-201
							0.64 F2804-404-251*1
							0.76 F2804-404-301
							1.02 F2804-404-401*1

Special options, add the appropriate number

increased cracking pressure	for check valve, with spring	35 mbar	F2804-404-05
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Accessories, enclosed

connecting nipple	for F2804-404	10-32" / fitting Ø 2.7	F3120-80
		Ø 4.7	F3120-85
		Ø 5.6	F3120-86



fitting	for tube	
B80	Ø 2.7	1/16" Ø 1.6 mm
B85	Ø 4.7	1/8" Ø 3.2 mm
B86	Ø 5.6	0.17" Ø 4.3 mm

*1 preferred stock items *2 at max. operating pressure *3 at Δp or P₁ = 70 mbar, at type F2804-404: P₁ = 5.2 bar

