



FFC

Flat face cartridge couplings, stainless steel.

Self-aligning flat face couplings for multiconnection systems with front-end recessed installation by means of circlips.

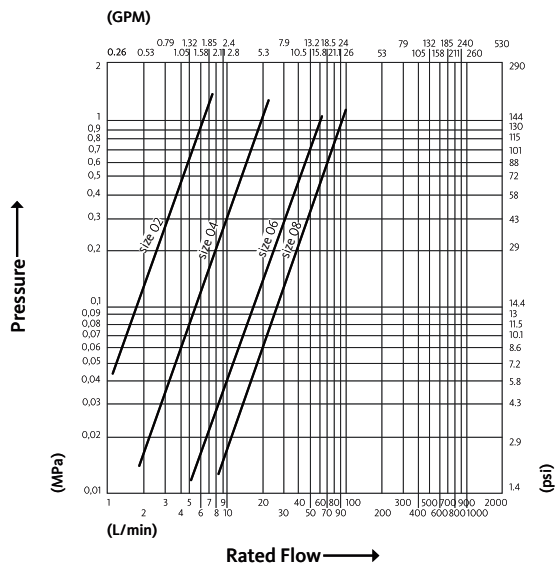
Misalignments up to ± 0.5 mm and $\pm 1^\circ$ (angular) are automatically compensated during the connection. Stainless steel components (AISI 316) with Viton seals. Faster proprietary profile. Cartridges without thread, to be installed into machined housing.



Applications



Pressure Drop



Test performed according to ISO 18869

Technical Specifications

dash	Size mm	inch	Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
							Male	Female	Male + Female
02	3.2	1/8"	25	2.5	0.002	80	100	100	130
04	6.3	1/4"	32	8	0.002	80	150	90	130
06	10	3/8"	25	23	0.006	110	90	100	100
08	12.5	1/2"	45	35	0.006	185	140	80	180

Material **Stainless Steel**

Seals **VITON**

Working temperatures **- 20 °C to +200 °C**

Surface treatment

Series Interchange **MARKET**

Valve Type **Flat**

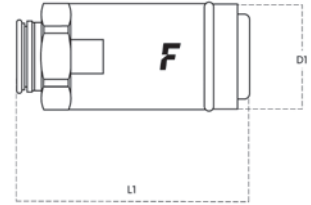
Connection **Special**

Disconnection **Special**

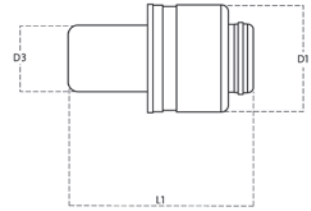
Connection Under Pressure **Not Allowed**



FFC



Size		Thread details			FEMALE						
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
6.3	1/4"				FFC14 F 2V	44.8	1.76	19	0.75		
10	3/8"				FFC38 F 2V	49.3	1.94	23.9	0.94		
12.5	1/2"				FFC12 F 2V	70.8	2.79	31.3	1.23		



Size		Thread details			MALE								
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		D3		HEX1	
						mm	inch	mm	inch	mm	inch	mm	inch
6.3	1/4"				FFC14 M 2V	36	1.42	19.6	0.77	12.1	0.48		
10	3/8"				FFC38 M 2V	40.5	1.59	24.5	0.96	16.1	0.63		
12.5	1/2"				FFC12 M 2V	56	2.2	32.5	1.28	19.7	0.78		