



FLV

Screw-on flat face couplings, robust and compact design. Market interchange.

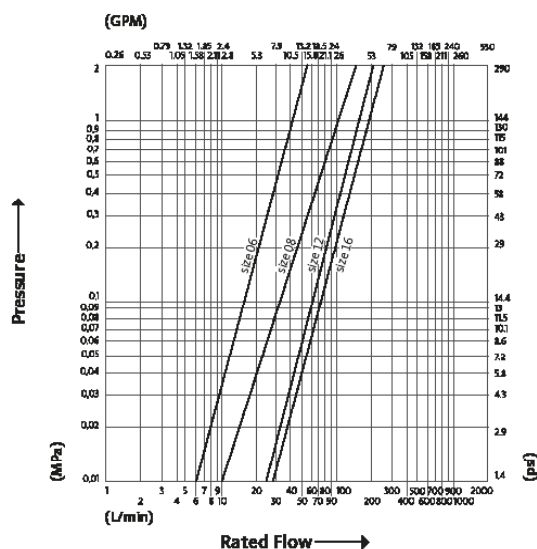
This series combines the advantages of flat face screw coupling technology with an extremely compact and robust design. Ideal for applications in which a flat face connection is required and there are no significant residual pressures to manage. The Zinc-Nickel plating guarantees a remarkable resistance to corrosion. Female couplers body allows panel installation.



Applications



Pressure Drop



Test performed according to ISO 18869

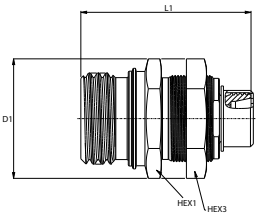
Technical Specifications

dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
06	10	3/8"	42	32	0.02		130	140	250
08	12.5	1/2"	42	75	0.02		130	100	155
12	20	3/4"	42	120	0.06		110	130	130
16	25	1"	42	165	0.1		125	170	160

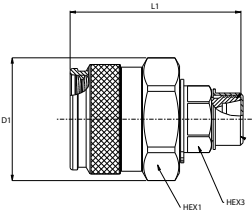
Material	Steel
Seals	NBR
Working temperatures	- 25 °C to + 100 °C
Surface treatment	MATE 1000 (ZnNi)
Series Interchange	ISO 16028

Valve Type	Flat
Connection	Push to Connect
Disconnection	Sleeve Retraction
Connection Under Pressure	Not Allowed

FLV



Size		Thread details			FEMALE									
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1		HEX3		
						mm	inch	mm	inch	mm	inch	mm	inch	
06	3/8"	02/ METRIC	ISO 8434-1-L	M18x1,5 MALE 12L	FLV06-2/1815 F	59.2	2.33	42	1.65	36	1.42	36	1.42	
08	1/2"	02/ METRIC	ISO 8434-1-L	M22x1,5 MALE 15L	FLV08-2/2215 F	70	2.76	47	1.85	41	1.61	41	1.61	
12	3/4"	03/ METRIC	ISO 8434-1-L	M30x2 MALE 20S	FLV12-3/3020 F	85	3.35	61	2.40	55	2.17	50	1.97	
16	1"	02/ METRIC	ISO 8434-1-L	M26x1,5 MALE 18L	FLV16-2/2615 F	96	3.78	70	2.76	60	2.36	46	1.81	



Size		Thread details			MALE									
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1		HEX3		
						mm	inch	mm	inch	mm	inch	mm	inch	
06	3/8"	02/ METRIC	ISO 8434-1-L	M18x1,5 MALE 12L	FLV06-2/1815 M	64	2.52	46	1.81	41	1.61	22	0.87	
08	1/2"	02/ METRIC	ISO 8434-1-L	M22x1,5 MALE 15L	FLV08-2/2215 F	73,4	2.89	52	2.05	46	1.81	24	0.95	
12	3/4"	03/ METRIC	ISO 8434-1-L	M30x2 MALE 20S	FLV12-3/3020 F	88	3.47	68	2.68	60	2.36	32	1.26	
16	1"	02/ METRIC	ISO 8434-1-L	M26x1,5 MALE 18L	FLV16-2/2615 F	107	4.21	65	2.56	55	2.17	41	1.61	