

OGV

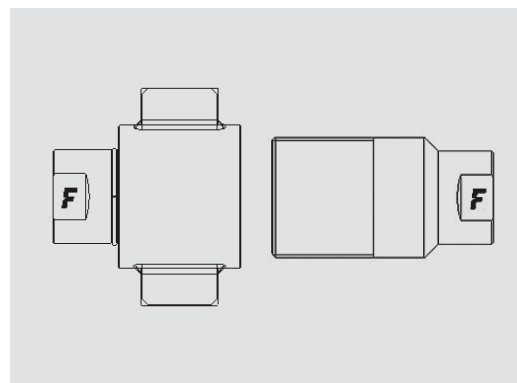


Screw to connect couplings for oil & gas application, market interchange.

Standard screw-to-connect coupling suitable for Oil & Gas applications. Robust sleeve design, poppet valve and ACME connection thread.



Applications

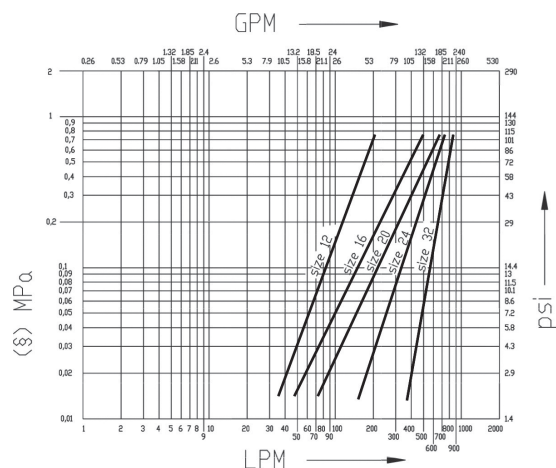


Technical Specifications

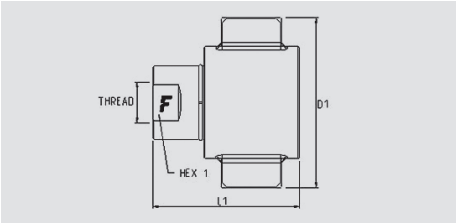
dash	Size mm	inch	Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
							Male	Female	Male + Female
12	20	3/4"	35	120	8		168	160	165
16	25	1"	35	230	18		165	165	172
20	31,5	1-1/4"	35	320	21		180	200	178
24	37,5	1-1/2"	35	330	41		160	176	170
32	50	2"	35	570	85		125	130	125

Material	Steel
Seals	NBR; PUR
Working temperatures	- 25 °C to + 100 °C
Surface treatment	MATE 500 (CrIII)
Series Interchange	MARKET
Valve Type	Poppet
Connection	Screw to Connect
Disconnection	Unscrew to Disconnect
Connection Under Pressure	Allowed Residual

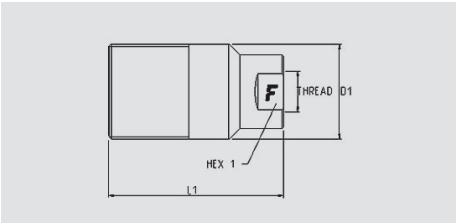
Pressure Drop



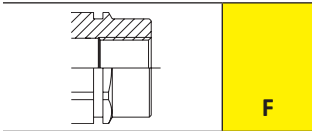
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Size		Thread details			FEMALE							
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1		
						mm	inch	mm	inch	mm	inch	
3/4"	20	F NPSF	ANSI B1.20.3	NPSF 3/4 FEMALE	OGV12 34NPS F	72,2	2,8	55	2,2	32	1,3	
1"	25	F NPSF	ANSI B1.20.3	NPSF 1 FEMALE	OGV16 1NPS F	87,6	3,5	105,5	4,2	41	1,6	
1-1/4"	31,5	F NPTF	ANSI B1.20.3	NPTF 1-1/4 FEMALE	OGV20 114NPT F	111,9	4,4	118,2	4,7	50	2	
1-1/2"	37,5	F NPTF	ANSI B1.20.3	NPTF 1-1/2 FEMALE	OGV24 112NPT F	127,1	5	147	5,8	55	2,2	
2"	50	F NPTF	ANSI B1.20.3	NPTF 2 FEMALE	OGV32 2NPT F	154,2	6,1	170	6,7	75	3	



Size		Thread details			MALE								
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		D3		HEX1	
						mm	inch	mm	inch	mm	inch	mm	inch
3/4"	20	F NPSF	ANSI B1.20.3	NPSF 3/4 FEMALE	OGV12 34NPS M	83,1	3,3	44,3	1,7			32	1,3
1"	25	F NPSF	ANSI B1.20.3	NPSF 1 FEMALE	OGV16 1NPS M	106	4,2	57,1	2,3			41	1,6
1-1/4"	31,5	F NPTF	ANSI B1.20.3	NPTF 1-1/4 FEMALE	OGV20 114NPT M	136,5	5,4	66,7	2,6			50	2
1-1/2"	37,5	F NPTF	ANSI B1.20.3	NPTF 1-1/2 FEMALE	OGV24 112NPT M	151,7	6	82,5	3,3			55	2,2
2"	50	F NPTF	ANSI B1.20.3	NPTF 2 FEMALE	OGV32 2NPT M	179,1	7,1	101,6	4			75	3



OGV Accessories

Aluminium dust caps



Plugs suitable for FEMALE



Caps suitable for MALE

Size			Plug Details		Size			Cap Details	
inch	mm	dash	Part number	Colour	inch	mm	dash	Part number	Colour
3/4"	20	12	TM OGV12 S		3/4"	20	12	TF OGV12 S	
1"	25	16	TM OGV16 S		1"	25	16	TF OGV16 S	
1-1/4"	31,5	20	TM OGV20 S		1-1/4"	31,5	20	TF OGV20 S	
1-1/2"	37,5	24	TM OGV24 S		1-1/2"	37,5	24	TF OGV24 S	
2"	50	32	TM OGV32 S		2"	50	32	TF OGV32 S	