

CVE



Screw to connect couplings for road machines applications.

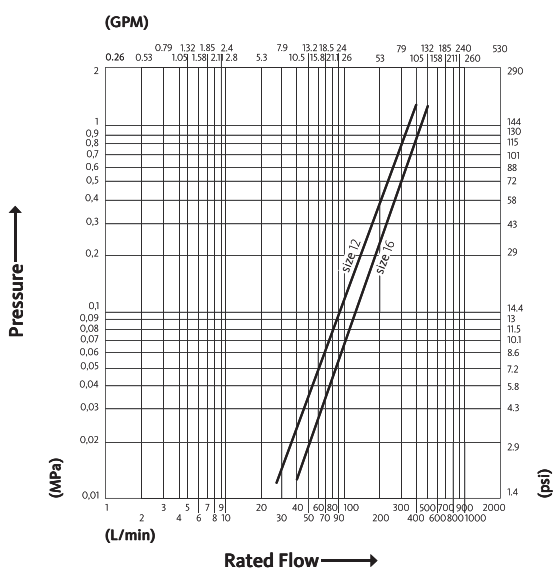
Couplings designed for the transport industry. Composed by a screw-on sleeve (brass) and wings nuts with hexagon shape.



Applications



Pressure Drop



Test performed according to ISO 18869

Technical Specifications

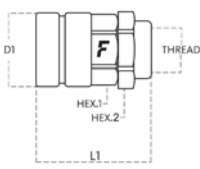
dash	Size mm	inch	Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
							Male	Female	Male + Female
12	20	3/4"	36	120	10	0	110	130	130
16	25	1"	30	160	15	0	120	90	130

Material	Steel
Seals	NBR
Working temperatures	- 25 °C to + 125 °C
Surface treatment	MATE 500 (CrIII)
Series Interchange	MARKET

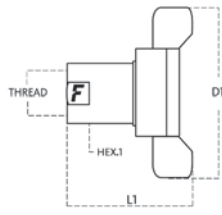
Valve Type	Poppet
Connection	Screw to Connect
Disconnection	Unscrew to Disconnect
Connection Under Pressure	Allowed Residual



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Size		Thread details			FEMALE						
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
20	3/4"	F BSPP	ISO 1179-1	BSPP 3/4" FEMALE	CVE 34 GAS F	78	3.07	51	2.01	46	1.81
25	1"	F BSPP	ISO 1179-1	BSPP 1" FEMALE	CVE 1 GAS F	85	3.35	54	2.13	46	1.81



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
20	3/4"	F BSPP	ISO 1179-1	BSPP 3/4" FEMALE	CVE 34 GAS M	84	3.31	100	3.94			34	1.34
25	1"	F BSPP	ISO 1179-1	BSPP 1" FEMALE	CVE 1 GAS M	94.4	3.72	127	5			41	1.61

CVE Accessories and Spares

