

RFL

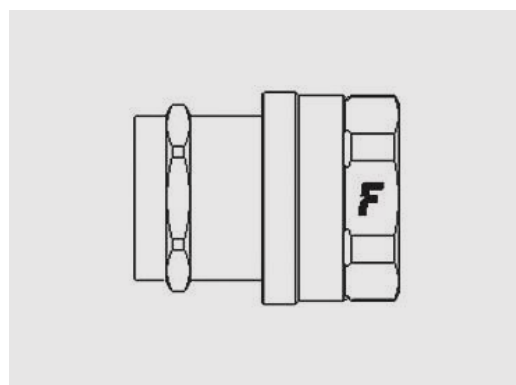


Screw to connect female couplings for air conditioning & refrigeration application, low friction sleeve.

RFL screw-to-connect female couplings are equipped with a low friction sleeve in order to reduce connection effort and friction. Fully interchangeable with RF series same size.



Applications

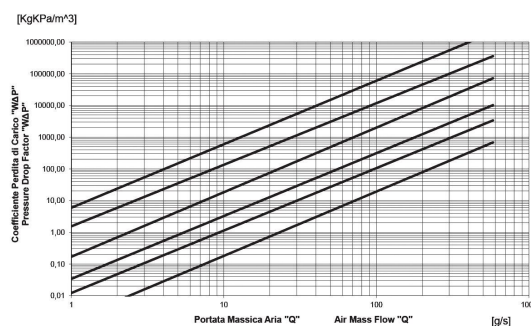


Technical Specifications

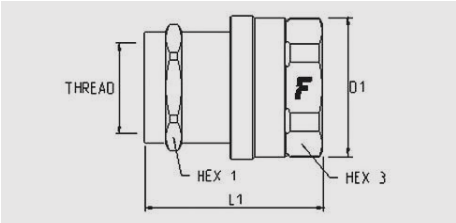
dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
04	6,3	1/4"	3,5					10,5	100
06	10	3/8"	6					19	70
08	12,5	1/2"	5					15	55
12	20	3/4"	5					15	43
16	25	1"	5					15	37

Material	Steel
Seals	CR
Working temperatures	- 40 °C to + 120 °C
Surface treatment	MATE 500 (CrIII)
Series Interchange	MARKET
Valve Type	Flat
Connection	Screw to Connect
Disconnection	Unscrew to Disconnect
Connection Under Pressure	Allowed Residual

Pressure Drop



RFL



Size		Thread details			FEMALE						
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
1/4"	6,3	0/ SAE	ASME B1.1	1/2" -20 UNF FEMALE ORB	RFL04 F N	29,4	1,2	25	1	16	0,6
3/8"	10	0/ METRIC	ISO 6149-1	M18x1,5 FEMALE ORB	RFL06 F N	34,5	1,4	28	1,1	22	0,9
1/2"	12,5	0/ SAE	ASME B1.1	7/8" -20 UNEF ORB FEMALE	RFL08 F N	49,3	1,9	34	1,3	27	1,1
3/4"	20	0/ SAE	ASME B1.1	1-1/4" -18 UNEF ORB FEMALE	RFL12 F N	56,8	2,2	45	1,8	36	1,4
1"	25	0/ SAE	ASME B1.1	1-19/32" -20 UN ORB FEMALE	RFL16 F N	64	2,5	55	2,2	46	1,8

Accessories

Aluminium dust caps



Plugs suitable for FEMALE

Size			Plug Details	
inch	mm	dash	Part number	Colour
1/4"	6,3	04	TMRF 04 S N	
3/8"	10	06	TMRF 06 S N	
1/2"	12,5	08	TMRF 08 S N	
3/4"	20	12	TMRF 12 S N	
1"	25	16	TMRF 16 S N	

