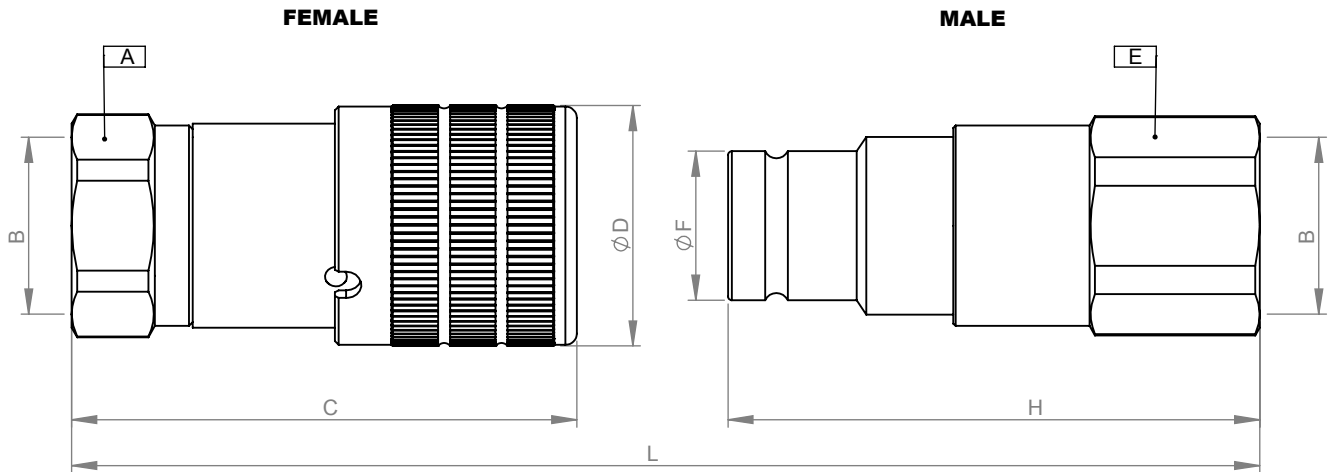


QCF SERIES



Size	Product Code	Product Name	ISO DN	Hex			Port B	Diameter			Lenght			Weight	
					mm	inch			mm	inch		mm	inch	kg	lbs
1/2"	QCF-103	Caupled	12.5				1/2"				L	121	4.76	0.39	0.86
	QCF-103-A	Female		A	27	1.06		D	32	1.26	C	67	2.64	0.23	0.51
	QCF-103-B	Male		E	27	1.06		F	19.70	0.78	H	69	2.71	0.16	0.35
3/4"	QCF-104	Caupled	19				3/4"				L	140	5.51	0.82	1.81
	QCF-104-A	Female		A	36	1.42		D	40	1.57	C	84	3.31	0.52	1.15
	QCF-104-B	Male		E	36	1.42		F	24.5	0.96	H	74	2.91	0.30	0.66
1"	QCF-105	Caupled	25				1"				L	162	6.38	1.20	2.64
	QCF-105-A	Female		A	41	1.61		D	48	1.89	C	98	3.86	0.78	1.72
	QCF-105-B	Male		E	41	1.61		F	29.9	1.18	H	85	3.35	0.42	0.92
1" 1/4	QCF-106	Caupled	25				1" 1/4				L	176	6.93	1.78	3.92
	QCF-106-A	Female		A	50	1.97		D	55	2.17	C	110	4.33	1.14	2.51
	QCF-106-B	Male		E	50	1.97		F	36.0	1.42	H	90	3.54	0.64	1.41
1" 1/16	QCF-U-204	Caupled	19				1" 1/16				L	140	5.51	0.82	1.81
	QCF-U-204-A	Female		A	36	1.42		D	40	1.57	C	84	3.31	0.52	1.15
	QCF-U-204-B	Male		E	36	1.42		F	24.5	1.0	H	74	2.91	0.30	0.66

Size	Max.Fullow Suggested		Connect Force		Disconnect Force		Spillage
	l/min	GPM	N	lbf	N	lbf	
1/2"	34	8.98	190	42.75	50	11.25	0.02
3/4"	110	29.06	220	49.50	70	15.75	0.03
1"	181	47.82	250	56.25	75	16.88	0.03
1" 1/4	308	116.57	350	78.75	90	20.25	0.17
1" 1/16	110	29.06	220	49.50	70	15.75	0.03

Fluid:OIL ISO VG46

Temperature:40°C

Viscosity:41.4--50.6 mm²/s

- Spillage is an indicative value of the fluid loss during disconnection

Test Pressure:5.0 Bar

Size	Max.Operating Pressure						Burst Pressure					
	Caupled		Female		Male		Caupled		Female		Male	
	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi
1/2"	37	5366	37	5366	37	5366	100	14500	100	14500	100	14500
3/4"	35	5076	35	5076	35	5076	100	14500	100	14500	100	14500
1"	33	4786	33	4786	33	4786	80	11600	80	11600	80	11600
1" 1/4	38	5511	38	5511	38	5511	80	11600	80	11600	80	11600
1" 1/16	35	5076	35	5076	35	5076	100	14500	100	14500	100	14500

Temperature Range:

- Standart seals NBR (Nitrile):From -20°C to +100°C (-4°F to +212°F)
- VITON[®] seals:From -15°C to +180°C (+5°F to +356°F)

Tests:

The couplings have been tested at max. operating pressure for 100.000 impulses according to ISO 18869:2017