FLAT FACE - QCF SERIES

BSPP



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FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System
+Safety Lock

Flow Rate
Up to 189 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +100°C

Interchange
16028

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSPP

Under Residual Pressure
Connetion: Not Allowed
Disconnection: Not Allowed

Body Sizes
ISO 6,3-25

Sealing Description
NBR - FKM

Valve Type
Flat Face

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

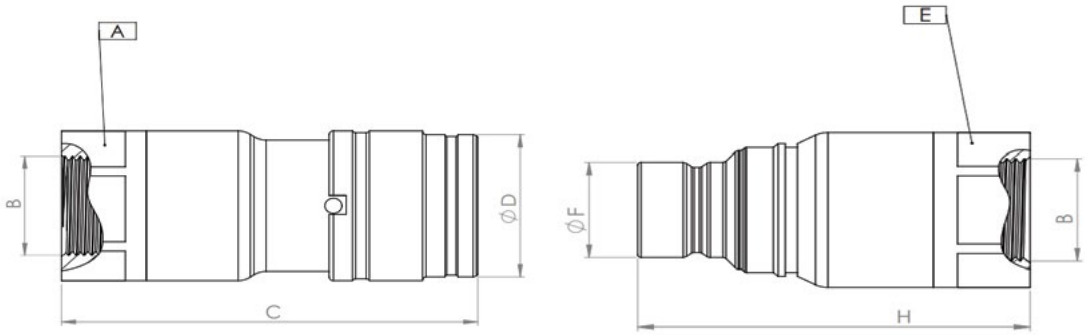
INFORMATION

- Flat face design prevents dirt and dust accumulation in the system.
- Top quality elastomer seals provide maximum sealing and prevent oil leakage during disconnection.
- Laminar flow prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achive full connection.
- Safety lock feature prevents accidental disconnection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-G14	FEMALE	A	26	1,02	1/4	D	28	1,1	C	72	2,83	0,23	0,5
	QCF-6B-G14	MALE	E	26	1,02	1/4	F	16,15	0,64	H	62	2,44	0,15	0,33
10	QCF-10A-G38	FEMALE	A	30	1,18	3/8	D	32	1,25	C	84	3,30	0,37	0,81
	QCF-10B-G38	MALE	E	30	1,18	3/8	F	19,7	0,77	H	74	2,91	0,24	0,52
	QCF-10A-G12	FEMALE	A	30	1,18	1/2	D	32	1,25	C	83	3,26	0,35	0,77
	QCF-10B-G12	MALE	E	30	1,18	1/2	F	19,7	0,77	H	73	2,87	0,22	0,48
12,5	QCF-12A-G38	FEMALE	A	36	1,41	3/8	D	38	1,49	C	99	3,9	0,64	1,41
	QCF-12B-G38	MALE	E	36	1,41	3/8	F	24,5	0,96	H	82	3,23	0,41	0,9
	QCF-12A-G12	FEMALE	A	36	1,41	1/2	D	38	1,49	C	99	3,89	0,63	1,38
	QCF-12B-G12	MALE	E	36	1,41	1/2	F	24,5	0,96	H	82	3,22	0,4	0,88
	QCF-12A-G34	FEMALE	A	36	1,41	3/4	D	38	1,49	C	98	3,85	0,59	1,27
	QCF-12B-G34	MALE	E	36	1,41	3/4	F	24,5	0,96	H	81	3,18	0,35	0,77
19	QCF-19A-G34	FEMALE	A	41	1,61	3/4	D	46,1	1,81	C	116	4,56	0,98	2,15
	QCF-19B-G34	MALE	E	41	1,61	3/4	F	29,9	1,17	H	97	3,81	0,58	1,27
	QCF-19A-G1	FEMALE	A	41	1,61	1	D	46,1	1,81	C	115	4,52	0,92	2,02
	QCF-19B-G1	MALE	E	41	1,61	1	F	29,9	1,17	H	96	3,77	0,52	1,14
25	QCF-25A-G1	FEMALE	A	50	1,96	1	D	55	2,16	C	123	4,84	1,48	3,25
	QCF-25B-G1	MALE	E	50	1,96	1	F	36	1,41	H	106	4,17	0,89	1,95
	QCF-25A-G114	FEMALE	A	55	2,16	1 1/4	D	55	2,16	C	121	4,76	1,37	3,01
	QCF-25B-G114	MALE	E	55	2,16	1 1/4	F	36	1,41	H	104	4,09	0,78	1,71

ISO 1179-1 BSPP

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

BODY SIZE	RATED FLOW			FLUID LOSS PER DISCONNECT	CONNECTING FORCE		DISCONNECTING FORCE	
	PRES.DROP (kPa)	L/MIN	GPM	ml	N	lbf	N	lbf
6	100	12	2,64	0,02	140	31,5	40	9
10	100	23	5,06	0,035	170	38,2	40	8,98
12,5	100	45	9,91	0,07	190	42,69	50	11,23
19	100	100	22,02	0,15	220	49,43	70	15,73
25	100	189	41,62	0,25	250	56,17	80	17,97