FLAT FACE - QCF SERIES

NPT



CLICK HERE
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
NPT

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

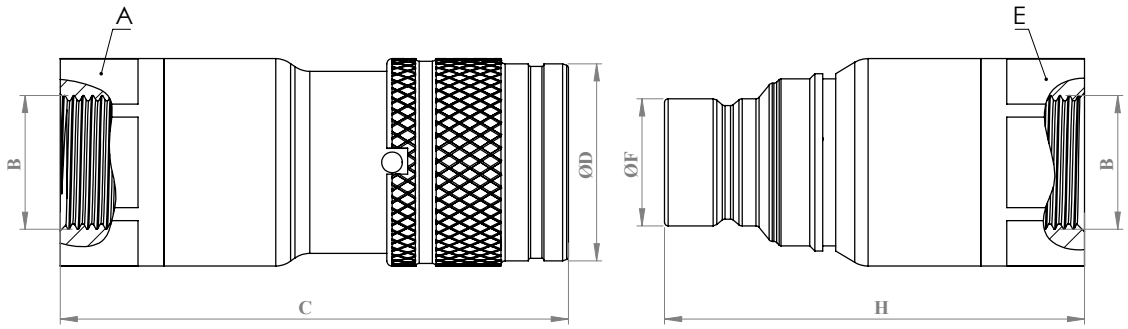
INFORMATION

- 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	PRODUCT CODE	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-NPT14	FEMALE	A	26	1,02	1/4	D	28	1,1	C	72	2,83	0,23	0,5
	QCF-6B-NPT14	MALE	E	26	1,02	1/4	F	16,15	0,64	H	62	2,44	0,15	0,33
10	QCF-10A-NPT38	FEMALE	A	30	1,18	3/8	D	32	1,25	C	84	3,30	0,37	0,81
	QCF-10B-NPT38	MALE	E	30	1,18	3/8	F	19,7	0,77	H	74	2,91	0,24	0,52
	QCF-10A-NPT12	FEMALE	A	30	1,18	1/2	D	32	1,25	C	83	3,26	0,35	0,77
	QCF-10B-NPT12	MALE	E	30	1,18	1/2	F	19,7	0,77	H	73	2,87	0,22	0,48
12,5	QCF-12A-NPT12	FEMALE	A	36	1,41	1/2	D	38	1,49	C	99	3,89	0,63	1,38
	QCF-12B-NPT12	MALE	E	36	1,41	1/2	F	24,5	0,96	H	82	3,22	0,4	0,88
	QCF-12A-NPT34	FEMALE	A	36	1,41	3/4	D	38	1,49	C	98	3,85	0,59	1,27
	QCF-12B-NPT34	MALE	E	36	1,41	3/4	F	24,5	0,96	H	81	3,18	0,35	0,77
19	QCF-19A-NPT34	FEMALE	A	41	1,61	3/4	D	46,1	1,81	C	116	4,56	0,98	2,15
	QCF-19B-NPT34	MALE	E	41	1,61	3/4	F	29,9	1,17	H	97	3,81	0,58	1,27
	QCF-19A-NPT1	FEMALE	A	41	1,61	1	D	46,1	1,81	C	115	4,52	0,92	2,02
	QCF-19B-NPT1	MALE	E	41	1,61	1	F	29,9	1,17	H	96	3,77	0,52	1,14
25	QCF-25A-NPT1	FEMALE	A	50	1,96	1	D	55	2,16	C	123	4,84	1,48	3,25
	QCF-25B-NPT1	MALE	E	50	1,96	1	F	36	1,41	H	106	4,17	0,89	1,95
	QCF-25A-NPT114	FEMALE	A	55	2,16	1 1/4	D	55	2,16	C	121	4,76	1,37	3,01
	QCF-25B-NPT114	MALE	E	55	2,16	1 1/4	F	36	1,41	H	104	4,09	0,78	1,71

ASME.B1.20.1.NPT

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