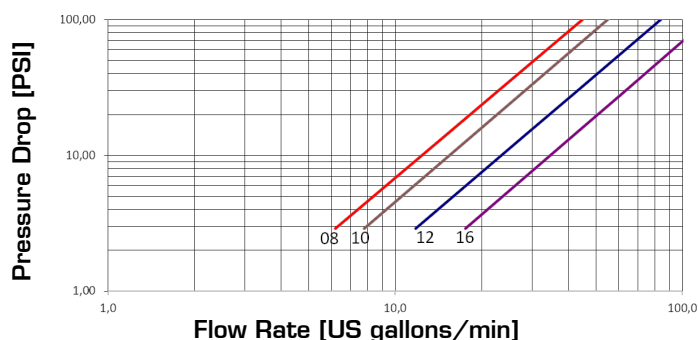
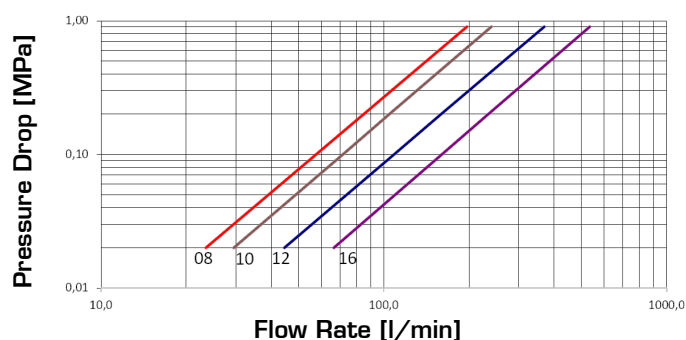




MQS-FEH FLAT FACE EXTRA HEAVY DUTY



TECHNICAL DATA

																				
SIZE			WORKING PRESSURE CONNECTED (Dynamic)		WORKING PRESSURE DISCONNECTED (Dynamic)		RATED FLOW at 0.2 MPa of pressure drop		CONNECTION EFFORT		OIL SPILLAGE Connection/ Disconnection		MINIMUM BURST PRESSURE						CONNECTION WITH FEMALE UNDER PRESSURE (MALE AT 0 MPa)	
DN	inch	Dash	MPa	PSI	MPa	PSI	l/min	US GPM	N	lb.	cc.	cubic inch	Male		Female		M & F			
													MPa	PSI	MPa	PSI	MPa	PSI		
12.5	1/2"	08	35	5,075	35	5,075	85	22.5	180	40.5	0.008	0.0005	170	24,650	150	21,750	180	26,100	Allowed up to 4 MPa	
16	5/8"	10	35	5,075	35	5,075	105	27.7	200	45.0	0.008	0.0005	170	24,650	150	21,750	180	26,100	Allowed up to 3 MPa	
19	3/4	-12	35	5,075	35	5,075	160	42.3	240	54.0	0.009	0.0005	170	24,650	140	20,300	170	24,650	Allowed up to 2 MPa	
25	1	-16	35	5,075	35	5,075	235	62.1	270	60.7	0.02	0.0012	160	23,200	180	26,100	170	24,650	Allowed up to 2 MPa	

Connection with Male under pressure not allowed; Disconnection under pressure not allowed

The rated flow represents the normal operating condition. The maximum recommended flow rate is equal to 1.5 times the rated flow

PRODUCT DESCRIPTION

- MQS-FEH is the flat-face line for extra heavy-duty and high vibration applications
- 35MPa of working pressure in connected and disconnected conditions
- Push connection (a click proves correct connection)
- Double-action disconnection process to prevent accidental disconnection - push male and pull back sleeve on female
- 1 Million impulse cycles qualified
- E-Coat 1000 plating

MATERIAL

Female & male couplings in high grade carbon steel with hardened areas in correspondence to the most stressed points. Male vs. female Sealing system in new Polyurethane compound; other seals in NBR with back-up in PTFE.

WORKING TEMPERATURE

-22°F up to +230°F (-30°C up to +110°C)

SAFETY FACTOR

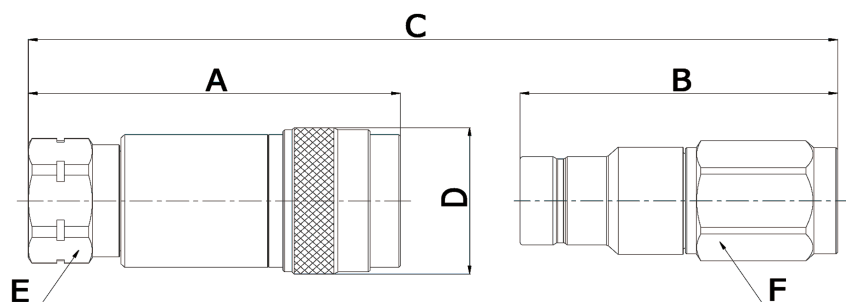
4:1 for dynamic pressures

IMPULSE PRESSURES

1,000,000 cycles at 120% of rated one (freq. 1Hz)

TEST SPECIFICATIONS

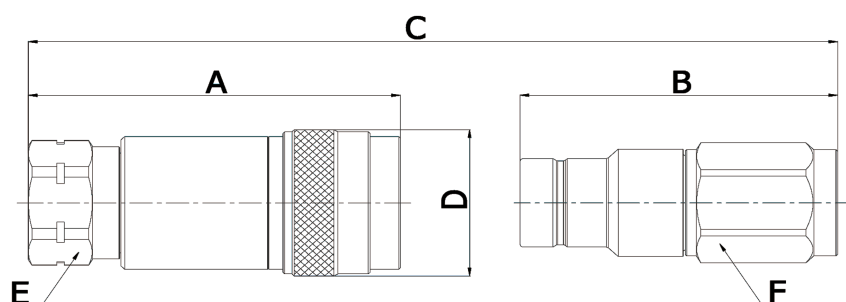
ISO 18869



Q07811041A Q07411041A

BSP TERMINATION ENDS
TO DIN 3852
X TYPE

SIZE			PART NUMBER		THREAD	DIMENSIONS mm					
DN	Inch	Dash	Female coupling	Male coupling		A	B	C	D	E	F
12.5	1/2"	-08	Q07811041A-08-08	Q07411041A-08-08	1/2"	95.3	82.9	A+B-19,2	ø44	34	34
16	5/8"	-10	Q07811041A-10-12	Q07411041A-10-12	3/4"	103.9	88.7	A+B-20,3	ø48	36	34
20	3/4"	-12	Q07811041A-12-12	Q07411041A-12-12	3/4"	115.5	100.8	A+B-23,8	ø52	41	41
25	1"	-16	Q07811041A-16-16	Q07411041A-16-16	1"	129.8	110.8	A+B-26,1	ø60	50	50



Q07811341A Q07411341A

NPTF TERMINATION ENDS
TO ANSI B 1.20.3

SIZE			PART NUMBER		THREAD	DIMENSIONS mm					
DN	Inch	Dash	Female coupling	Male coupling		A	B	C	D	E	F
12.5	1/2"	-08	Q07811341A-08-08	Q07411341A-08-08	1/2" NPTF	95.3	82.9	A+B-19,2	ø44	34	34
16	5/8"	-10	Q07811341A-10-12	Q07411341A-10-12	3/4" NPTF	103.9	88.7	A+B-20,3	ø48	36	34
20	3/4"	-12	Q07811341A-12-12	Q07411341A-12-12	3/4" NPTF	115.5	100.8	A+B-23,8	ø52	41	41
25	1"	-16	Q07811341A-16-16	Q07411341A-16-16	1" NPTF	129.8	110.8	A+B-26,1	ø60	50	50



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