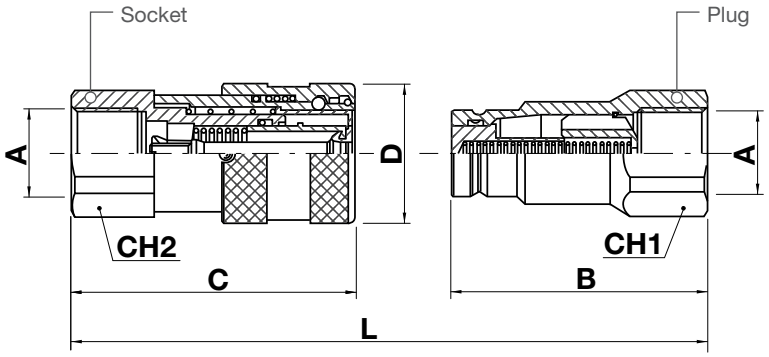
F

Ball locking flat face coupling

ISO 16028 / NFPA T3.20.15 (HTMA) SIZE 3/8”



size	Ø DN	code		Ø A	B		C		Ø D		L		CH1		CH2	
	mm	plug	socket		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
04	7	FM10-04 FM15-04 FM18-04	FF10-04 FF15-04 FF18-04	1/4” BSP 1/4” NPTF 1/4” BSPT	48	1,89	48	1,89	28	1,10	85,5	3,37	22	0,87	22	0,87
06	9	FM10-06 FM15-06 FM18-06	FF10-06 FF15-06 FF18-06	3/8” BSP 3/8” NPTF 3/8” BSPT	60	2,36	64,5	2,54	32	1,26	109	4,29	24	0,94	27	1,06
06	9	FM10-08 FM15-08 FM18-08	FF10-08 FF15-08 FF18-08	1/2” BSP 1/2” NPTF 1/2” BSPT	62,5	2,46	69,5	2,74	32	1,26	117	4,59	27	1,06	27	1,06
08	13	FM20-08 FM25-08 FM28-08	FF20-08 FF25-08 FF28-08	1/2” BSP 1/2” NPTF 1/2” BSPT	68	2,68	73,5	2,89	38	1,50	125	4,92	32	1,26	32	1,26
08	13	FM10-12 FM15-12 FM18-12	FF10-12 FF15-12 FF18-12	3/4” BSP 3/4” NPTF 3/4” BSPT	70,5	2,78	80,5	3,17	38	1,50	135	5,30	36	1,42	36	1,42
12	15	FM20-12 FM25-12 FM28-12	FF20-12 FF25-12 FF28-12	3/4” BSP 3/4” NPTF 3/4” BSPT	70,5	2,78	78	3,07	42	1,65	132	5,20	36	1,42	36	1,42
16	17	FM10-16 FM15-16 FM18-16	FF10-16 FF15-16 FF18-16	1” BSP 1” NPTF 1” BSPT	82,5	3,25	92,5	3,64	48	1,89	154	6,06	45	1,77	45	1,77
20	21	FM10-20 FM15-20 FM18-20	FF10-20 FF15-20 FF18-20	1.1/4” BSP 1.1/4” NPTF 1.1/4” BSPT	90	3,54	105	4,13	55	2,17	173	6,81	55	2,17	55	2,17
24	30	FM10-24 FM15-24 FM18-24	FF10-24 FF15-24 FF18-24	1.1/2” BSP 1.1/2” NPTF 1.1/2” BSPT	111	4,37	133	5,22	80	3,15	215	8,46	70	2,76	65	2,56
32	45	FM10-32 FM15-32 FM18-32	FF10-32 FF15-32 FF18-32	2” BSP 2” NPTF 2” BSPT	125	4,92	165	6,50	100	3,94	250	9,84	75	2,95	80	3,15

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← F

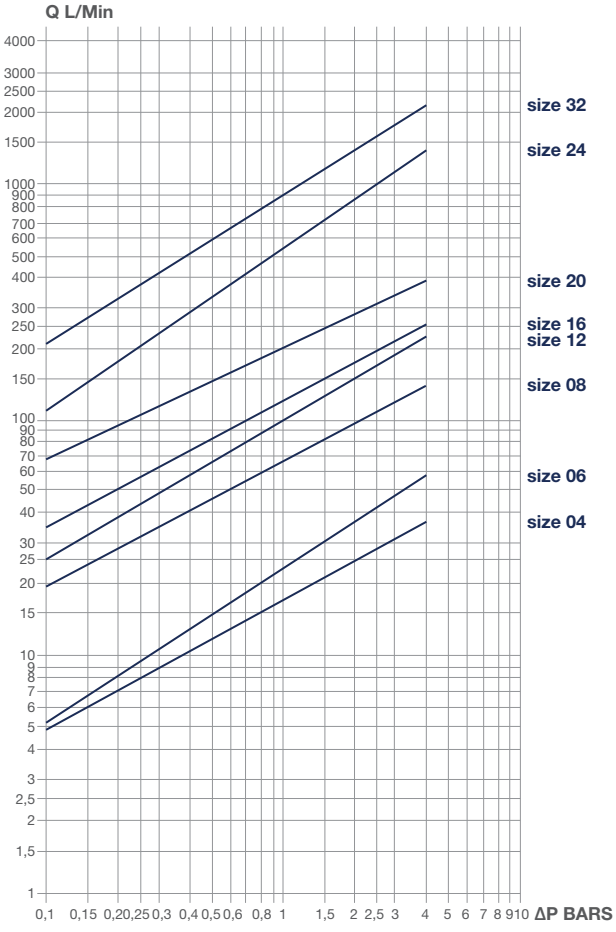
MAIN DATA

- Sleeve with a safety device preventing from accidental disconnection;
- Standard seals in nitril rubber;
- Antiextrusion ring in teflon;
- Working temperature with standard seals: -20 °C +110 °C.

On request

- Special seals: Viton, EPDM

PRESSURE DROP GRAPH



FLUID: HYDRAULIC OIL SAE 10W - **TEMPERATURE:** 50 °C - **VISCOSITY:** 3 E°

QUICK R. COUPLING
POPPET/BALL VALVE
FLAT FACE
SPECIAL APP.
SWIVEL JOINT
HYDRAULIC VALVE

PERFORMANCES

size	Ø DN	maximum working pressure		minimum burst pressure						weight				force to connect	
				coupled		plug		socket		plug		socket			
	mm	bar	psi	bar	psi	bar	psi	bar	psi	kg	lbs	kg	lbs	kg	lbs
04	7	300	4350	1200	17400	1200	17400	600	8700	0,05	0,11	0,08	0,18	18	39,68
06	9	300	4350	1200	17400	1200	17400	600	8700	0,06	0,13	0,15	0,33	17	37,48
06	9	300	4350	1200	17400	1200	17400	600	8700	0,09	0,20	0,27	0,60	17	37,48
08	13	250	3625	1000	14500	1000	14500	400	5800	0,09	0,20	0,27	0,60	18	39,68
08	13	250	3625	1000	14500	1000	14500	400	5800	0,19	0,42	0,47	1,04	18	39,68
12	15	250	3625	1000	14500	900	13050	450	6525	0,19	0,42	0,47	1,04	20	44,09
16	17	250	3625	850	12325	920	13340	550	7975	0,27	0,60	0,72	1,59	25	55,12
20	21	250	3625	850	12325	920	13340	470	6815	0,60	1,32	1,25	2,76	31	68,34
24	30	200	2900	700	10150	700	10150	300	4350	0,90	1,98	2,10	4,63	43	94,80
32	45	180	2610	700	10150	700	10150	500	7250	1,45	3,20	4,15	9,15	50	110,23

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