

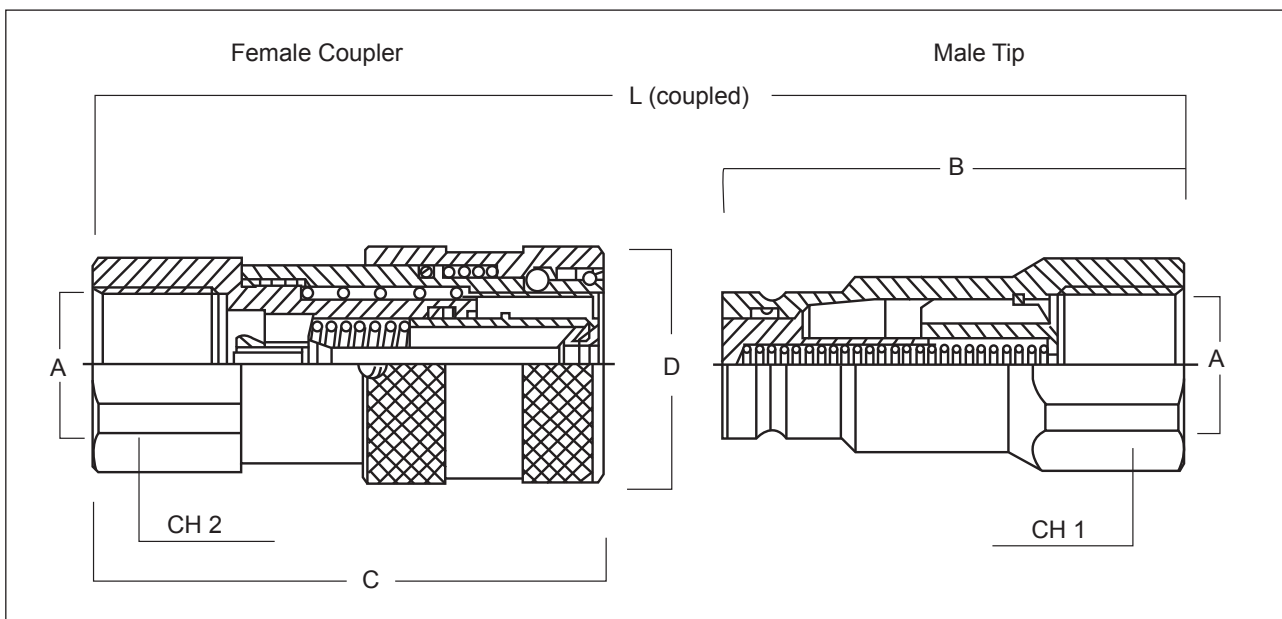
Series F



Quick Disconnect Couplings

Series F

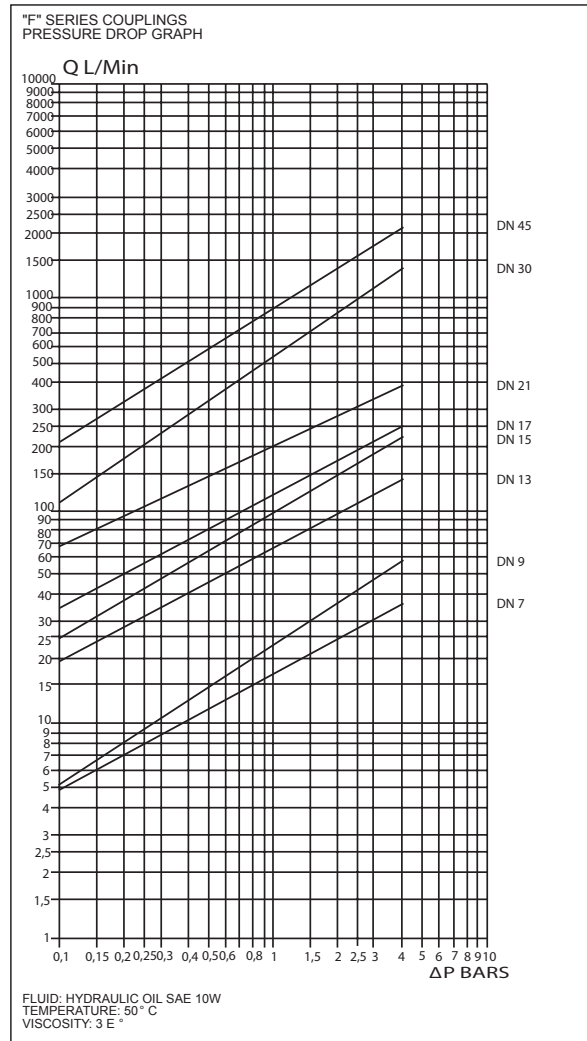
Series F flat face couplings are adopted on the most diversified hydraulic and industrial applications. The Series F flat face design offers important technical advantages such as; perfect sealing of plug and socket both when coupled and uncoupled; extremely low spillage during connection and disconnection; no inclusion of air or external media during connection and disconnection.



Dimensions										
Size Base	\varnothing DN	Code		$\varnothing A$	B	C	$\varnothing D$	L	CH 1	CH 2
	mm	Male Tip	Female Coupler	mm	mm	mm	mm	mm	mm	mm
04	7	FM1004	FF1004	1/4" BSP	48	48	28	85.5	22	22
06	9	FM1006	FF1006	3/8" BSP	60	64.5	32	109	24	27
06	9	FM1008	FF1008	1/2" BSP	62.5	69.5	32	117	27	27
08	13	FM2008	FF2008	1/2" BSP	68	73.5	38	125	32	32
08	13	FM1012	FF1012	3/4" BSP	70.5	80.5	38	135	36	36
12	15	FM2012	FF2012	3/4" BSP	70.5	78.0	42	132	36	36
16	17	FM1016	FF1016	1" BSP	82.5	92.5	48	154	45	45
20	21	FM1020	FF1020	1-1/4" BSP	90	105	55	173	55	55
24	30	FM1024	FF1024	1-1/2" BSP	111	133	80	215	70	65
32	45	FM1032	FF1032	2" BSP	125	165	100	250	75	80

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Performance Data

Size Base	Ø DN	Max. Working Pressure		Burst Pressure						Weight Kg	
				Coupled		Male Tip		Female Coupler			
				mm	bar	psi	bar	psi	bar	psi	bar
04	7	300	4350	1200	17400	1200	17400	600	8700	0.045	0.080
06	9	300	4350	1200	17400	1200	17400	600	8700	0.055	0.150
06	9	300	4350	1200	17400	1200	17400	600	8700	0.090	0.270
08	13	250	3625	1000	14500	1000	14500	400	5800	0.090	0.270
08	13	250	3625	1000	14500	1000	14500	400	5800	0.185	0.465
12	15	250	3625	1000	14500	900	13050	450	6525	0.185	0.465
16	17	250	3625	850	12325	920	13340	550	7975	0.270	0.720
20	21	250	3625	850	12325	920	13340	470	6815	0.600	1.250
24	30	200	2900	700	10150	700	10150	300	4350	0.900	2.100
32	45	180	2610	700	10150	700	10150	500	7250	1.450	4.150

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Accessories

Part Number (Complete Coupler)	Seal Kit	Dust Cap (Protects Tip)	Dust Plug (Protects Body)	Colour
FC1004		TFMR04	TFFR04	
FC1006		TFMR06	TFFR06	
FC1008		TFMR08	TFFR08	
FC1012		TFMR12	TFFR12	
FC2012		TFMR1220	TFFR1220	
FC1016		TFMR16	TFFR16	

Replacement Seal Kits

Replacement seal kits are available for most models. Leakage between the female body half (coupling) and the male tip half (nipple) is an indication that the body o-ring needs replacement.



Dust Caps & Dust Plugs

Protective dust caps and dust plugs are available in rubber in a variety of sizes. They should be used whenever possible to help reduce contamination of the hydraulic system and improve service life of the body half (coupling) and the mating tip half (nipple).

