

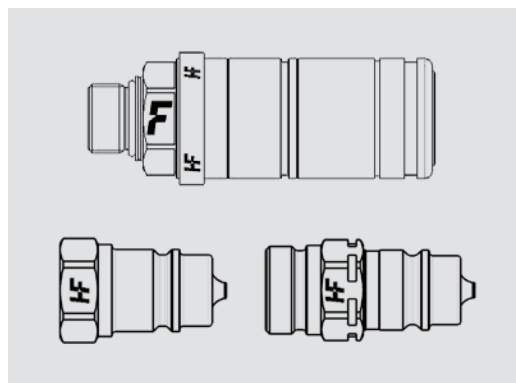
3CFHF

Push-pull female couplings for agriculture with higher flow rate, up to 250 l/min.

Push-pull coupling for high flow rate applications, connectable with male under residual pressure. Breakaway function. Can be screwed directly into valve ports or rigid pipes. ISO 7241 part A interchange. Flow rate up to 250 l/min.



Applications

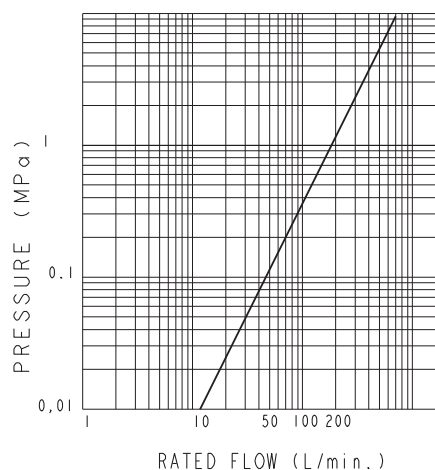


Technical Specifications

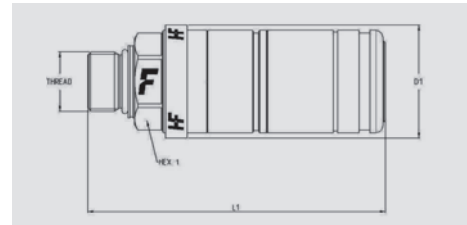
dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
08	12,5	1/2"	25	250	2	250		100	110

Material	Steel
Seals	PUR
Working temperatures	- 25 °C to + 100 °C
Surface treatment	MATE 500 (CrIII)
Series Interchange	ISO 7241-A
Valve Type	Poppet
Connection	Push to Connect
Disconnection	Pull to Disconnect
Connection Under Pressure	Allowed Male Half up to W.P.

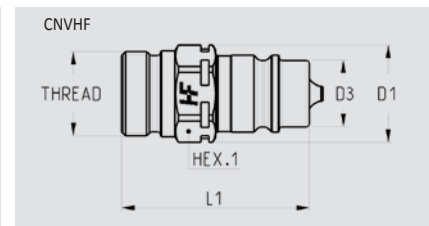
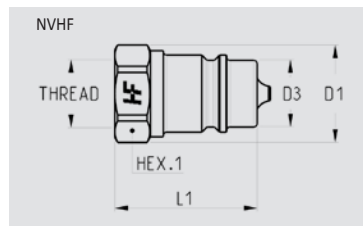
Pressure Drop



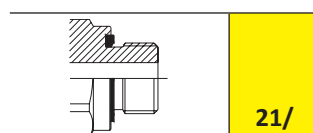
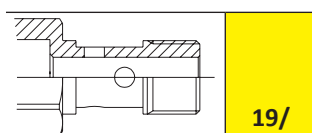
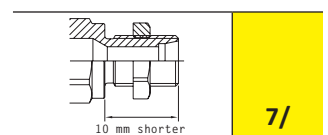
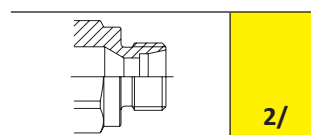
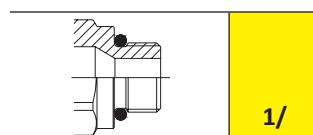
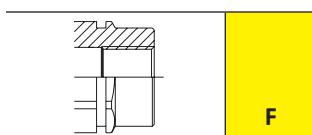
3CFHF



Size		Thread details			FEMALE						
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
1/2"	12,5	19/ METRIC	DIN 7643	M22 X 1,5 MALE	3CFHF0819/2215 F	134,7	5,3	42	1,7	32	1,3
1/2"	12,5	01/SAE	ISO 11926-3 L	3/4" - 16 UNF MALE	3CFHF081/12SAE F	108,2	4,3	42	1,7	32	1,3
1/2"	12,5	01/ METRIC	ISO 6149-2	M18 X 1,5 MALE	3CFHF081/1815 F	112,2	4,4	42	1,7	32	1,3
1/2"	12,5	01/ METRIC	ISO 6149-2	M22 X 1,5 MALE	3CFHF081/2215 F	109,7	4,3	42	1,7	32	1,3
1/2"	12,5	21/ METRIC	ISO 9974-2	M22 X 1,5 MALE	3CFHF0821/2215 F	109,2	4,3	42	1,7	32	1,3
1/2"	12,5	7/ METRIC	ISO 8434-1-L	M18 X 1,5 MALE BULKHEAD SHORT 12L	3CFHF087/1815 F	121,2	4,8	42	1,7	32	1,3
1/2"	12,5	7/ METRIC	ISO 8434-1-L	M22 X 1,5 MALE BULKHEAD SHORT 15L	3CFHF087/2215 F	122,4	4,8	42	1,7	32	1,3
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2" FEMALE	3CFHF08 12GAS F	106,2	4,2	42	1,7	27	1,1
1/2"	12,5	F NPTF	ANSI B1.20.3	1/2" NPTF FEMALE	3CFHF08 12NPT F	106,2	4,2	42	1,7	27	1,1



Size		Thread details			MALE								
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		D3		HEX1	
						mm	inch	mm	inch	mm	inch	mm	inch
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	NVHF08 GAS M	44	1,73	30	1,18	20,5	0,81	27	1,06
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 3/8 FEMALE	CNVHF08 38GAS M	57	2,24	30	1,18	20,5	0,81	27	1,06
1/2"	12,5	02/ METRIC	ISO 8434-1-L	M18x1,5 MALE 12L	CNVHF082/1815 M	57	2,24	30	1,18	20,5	0,81	27	1,06
1/2"	12,5	02/ METRIC	ISO 8434-1-L	M22x1,5 MALE 15L	CNVHF082/2215 M	58	2,28	30	1,18	20,5	0,81	27	1,06
1/2"	12,5	02/ METRIC	ISO 8434-1-L	M26x1,5 MALE 18L	CNVHF082/2615 M	58	2,28	30	1,18	20,5	0,81	27	1,06



3CFHF accessories

PVC dust caps



Plugs suitable for FEMALE

Size			Plug Details	
inch	mm	dash	Part number	Colour
1/2"	12,5	08	TM 12 L	blue
1/2"	12,5	08	TM 12 L/A	orange
1/2"	12,5	08	TM 12 L/G	yellow
1/2"	12,5	08	TM 12 L/M	brown
1/2"	12,5	08	TM 12 L/N	black
1/2"	12,5	08	TM 12 L/R	red
1/2"	12,5	08	TM 12 L/V	green



Plugs suitable for FEMALE

Size			Plug Details	
inch	mm	dash	Part number	Colour
1/2"	12,5	08	TM 12-38	blue
1/2"	12,5	08	TM 12-38 G	yellow
1/2"	12,5	08	TM 12-38 GR	grey
1/2"	12,5	08	TM 12-38 M	brown
1/2"	12,5	08	TM 12-38 N	black
1/2"	12,5	08	TM 12-38 R	red
1/2"	12,5	08	TM 12-38 V	green



Caps suitable for MALE

Size			Cap Details	
inch	mm	dash	Part number	Colour
1/2"	12,5	08	TF 12	blue
1/2"	12,5	08	TF 12 A	orange
1/2"	12,5	08	TF 12 G	yellow
1/2"	12,5	08	TF 12 GR	grey
1/2"	12,5	08	TF 12 M	brown
1/2"	12,5	08	TF 12 N	black
1/2"	12,5	08	TF 12 R	red
1/2"	12,5	08	TF 12 V	green

Aluminium dust caps



Plugs suitable for FEMALE

Size			Plug Details	
inch	mm	dash	Part number	Colour
1/2"	12,5	08	TM 12 S	



Caps suitable for MALE

Size			Cap Details	
inch	mm	dash	Part number	Colour
1/2"	12,5	08	TF 12 S	

Seal Kits



For Female

Size			Seal Details	
inch	mm	dash	Material	Part Number
1/2"	12,5	08	NBR; PTFE	KIT AE12S+OR12H

Every seals kit is composed of 5 or 10 pcs.