

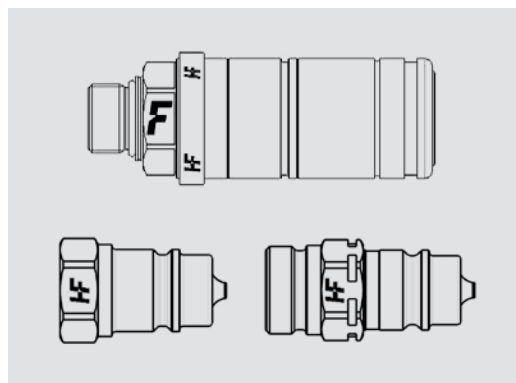
# 3CFHF

**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

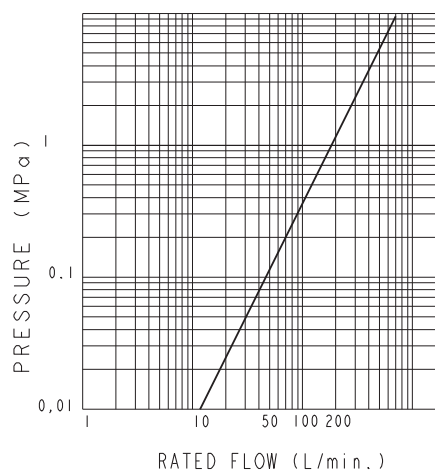


## Technical Specifications

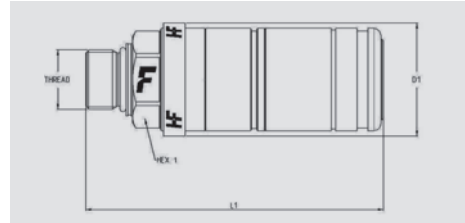
dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
08	12,5	1/2"	25	250	2	250		100	110

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.

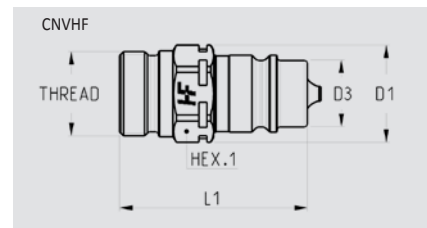
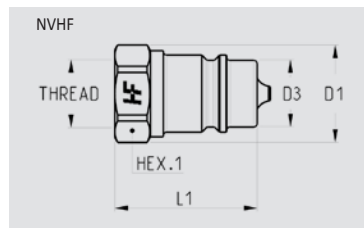
## Pressure Drop



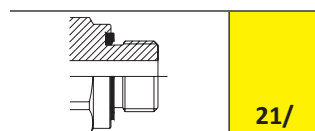
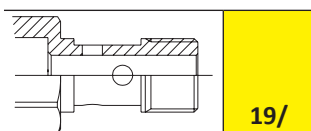
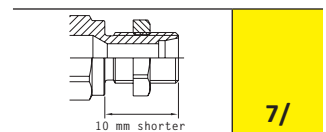
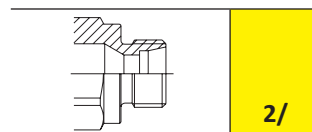
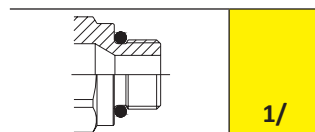
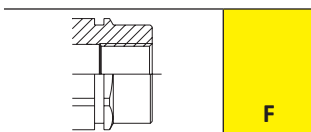
# 3CFHF



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.