

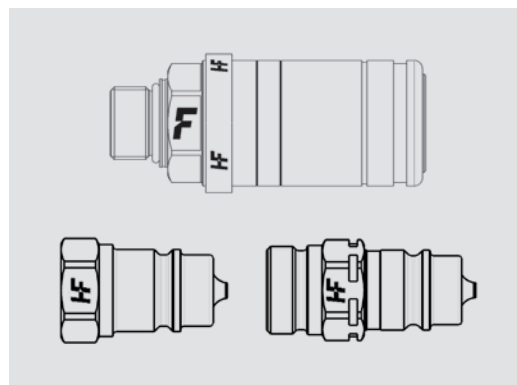
# 3CKHF

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

Compact push-pull coupling for application with higher flow rate and limited space, 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. Reduced dimensions: 15 mm shorter than standard version.



## Applications

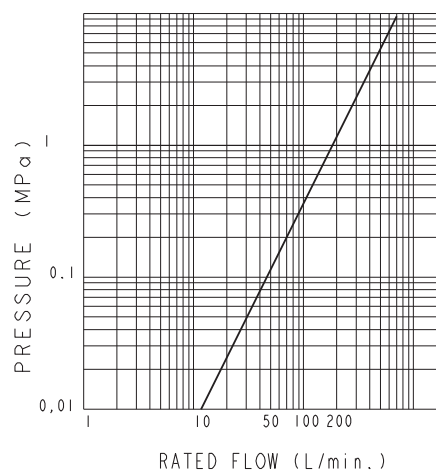


## Technical Specifications

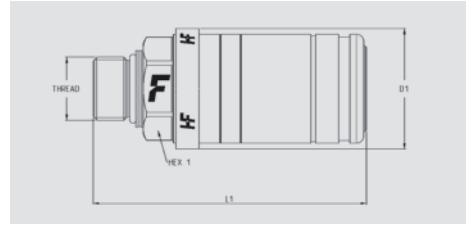
dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
08	12,5	1/2"	25	250	2	250		100	110

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

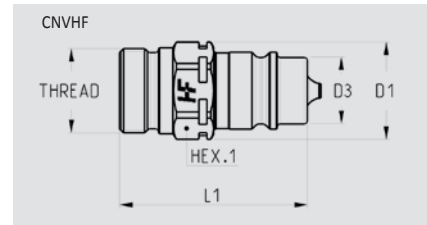
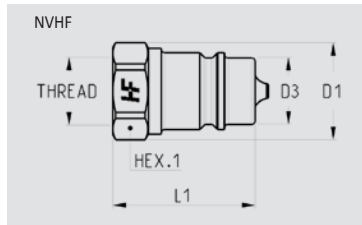
## Pressure Drop



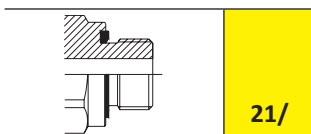
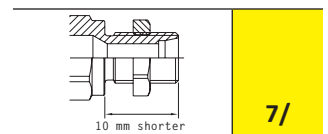
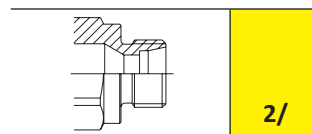
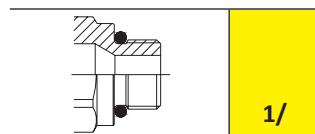
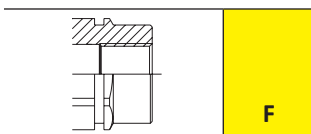
# 3CKHF



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	01/ METRIC	ISO 6149-2	M22 X 1,5 MALE	3CKHF081/2215 F	94,7	3,7	42	1,7	32	1,3	
1/2"	12,5	7/ METRIC	ISO 8434-1-L	M22 X 1,5 MALE BULKHEAD SHORT 15L	3CKHF087/2215 F	107,4	4,2	42	1,7	32	1,3	
1/2"	12,5	21/ METRIC	ISO 9974-2	M22 X 1,5 MALE	3CKHF0821/2215 F	94,2	3,7	42	1,7	32	1,3	
1/2"	12,5	7/ METRIC	ISO 8434-1-L	M18 X 1,5 MALE BULKHEAD SHORT 12L	3CKHF087/1815 F	106,2	4,2	42	1,7	32	1,3	
1/2"	12,5	7/ METRIC	ISO 8434-1-L	M26 X 1,5 MALE BULKHEAD SHORT 18L	3CKHF087/2615 F	110,2	4,3	42	1,7	32	1,3	



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



## 3CKHF 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.