

# HF 3CKHF



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

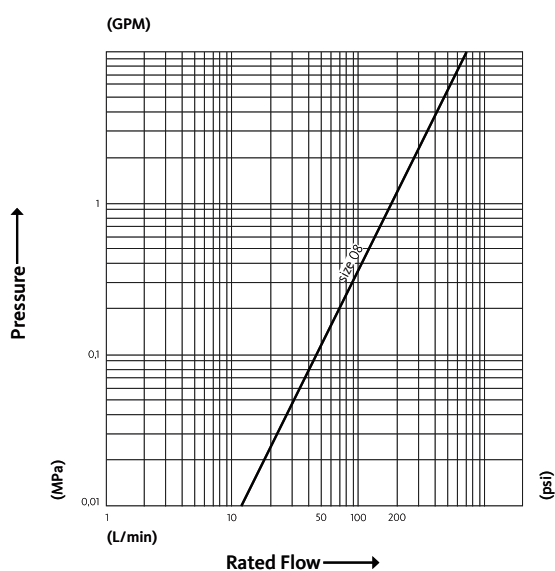
Compact push-pull female couplings for application with higher flow rate and limited space, connectable with male under residual pressure. Breakaway function. Can be screwed directly into valve ports or rigid pipes. ISO 7241 part A interchange. Flow rate up to 250 l/min. Reduced dimensions: 15 mm shorter than standard version.



## Applications



## Pressure Drop



Test performed according to ISO 18869

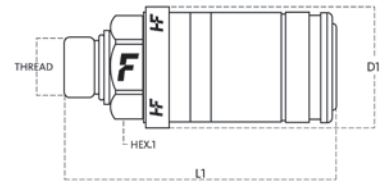
## Technical Specifications

dash	Size mm	inch	Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
							Male	Female	Male + Female
08	12.5	1/2"	25	70	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 part A</b>

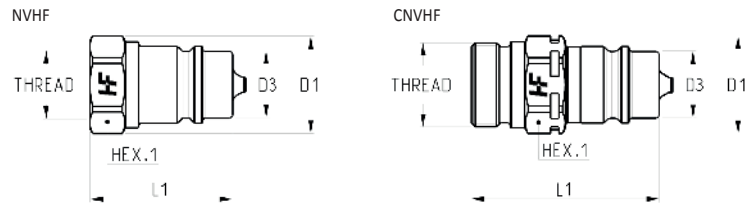
Valve Type	<b>Poppet</b>
Connection	<b>Push to Connect</b>
Disconnection	<b>Pull to Disconnect</b>
Connection Under Pressure	<b>Allowed Male Half up to W.P.</b>



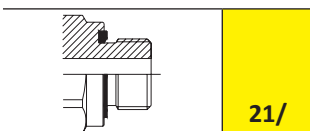
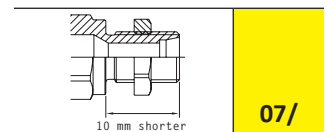
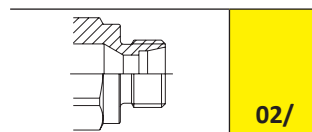
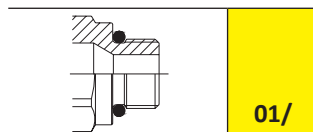
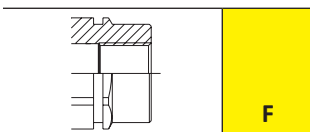


# 3CKHF

Size		Thread details			FEMALE						
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
12.5	1/2"	07/ METRIC	ISO 8434-1-L	M26x1.5 MALE BULKHEAD SHORT 18L	3CKHF087/2615 F	110.2	4.34	42	1.65	32	1.26
12.5	1/2"	07/ METRIC	ISO 8434-1-L	M22x1.5 MALE BULKHEAD SHORT 15L	3CKHF087/2215 F	107.4	4.23	42	1.65	32	1.26
12.5	1/2"	07/ METRIC	ISO 8434-1-L	M18x1.5 MALE BULKHEAD SHORT 12L	3CKHF087/1815 F	106.2	4.18	42	1.65	32	1.26
12.5	1/2"	01/ METRIC	ISO 6149-2	M22x1.5 MALE	3CKHF081/2215 F	97.4	3.73	42	1.65	32	1.26
12.5	1/2"	21/ METRIC	ISO 9974-2	M22x1.5 MALE	3CKHF0821/2215 F	94.2	3.71	42	1.65	32	1.26



Size		Thread details			MALE								
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		D3		HEX1	
						mm	inch	mm	inch	mm	inch	mm	inch
12.5	1/2"	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
12.5	1/2"	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
12.5	1/2"	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
12.5	1/2"	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
12.5	1/2"	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 and Spares



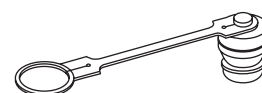
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### PVC dust protections



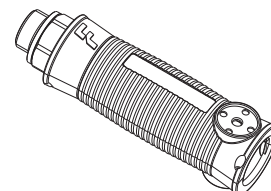
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### Acetal Resin dust protections



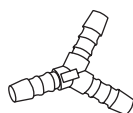
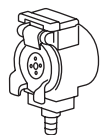
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### Aluminium dust protections



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### Line Identification System



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### Modular automatic caps with Oil Collecting System



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### Seals Kits