



# HNVFR

Male and Female couplings with poppet valve shut-off system, Lloyd's certified, suitable for Oil & Gas applications.

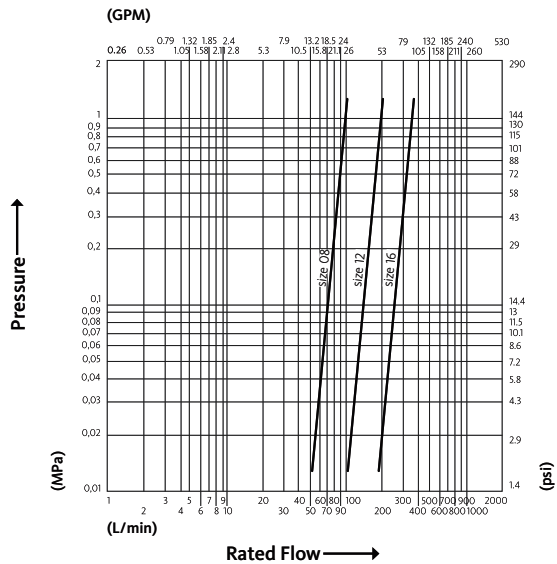
Thanks to special components and seals, HNVFR couplings are API 16 D certified and suitable for BOP application. Interchangeable according to ISO 7241 Part B.



## Applications



## Pressure Drop



## Technical Specifications

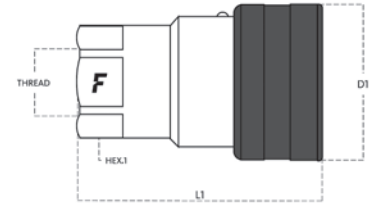
dash	Size mm	inch	Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
							Male	Female	Male + Female
08	12.5	1/2"	21	60	2.8	130	140	120	150
12	20	3/4"	21	110	10	200	110	100	110
16	25	1"	23	200	13	160	120	120	120

Material	<b>Steel</b>
Seals	<b>SPECIAL</b>
Working temperatures	<b>BOP</b>
Surface treatment	<b>MATE 500 (CrIII); Paint</b>
Series Interchange	<b>ISO 7241 part B</b>

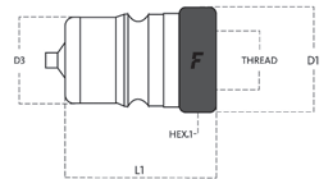
Valve Type	<b>Poppet</b>
Connection	<b>Sleeve Retraction</b>
Disconnection	<b>Sleeve Retraction</b>
Connection Under Pressure	<b>Not Allowed</b>



# HNVFR



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"	F NPTF	ANSI B1.20.3	NPTF 1/2" FEMALE	HNVFR 12 NPT F	72	2.83	47.2	1.86	30	1.18	
20	3/4"	F NPTF	ANSI B1.20.3	NPTF 3/4" FEMALE	HNVFR 34 NPT F	89	3.5	56.2	2.21	36	1.42	
25	1"	F NPTF	ANSI B1.20.3	NPTF 1" FEMALE	HNVFR 1 NPT F	106.4	4.19	62.2	2.45	41	1.61	



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 NPTF	ANSI B1.20.3	NPTF 1/2" FEMALE	HNVFR 12 NPT M	44	1.73	30	1.18	23.5	0.93	27	1.06	
20	3/4"	F NPTF	ANSI B1.20.3	NPTF 3/4" FEMALE	HNVFR 34 NPT M	55	2.17	38	1.5	31.5	1.24	36	1.42	
25	1"	F NPTF	ANSI B1.20.3	NPTF 1" FEMALE	HNVFR 1 NPT M	66	2.6	45	1.77	37.8	1.49	41	1.61	

## HNVFR Accessories and Spares



### PVC dust protections

