

HNVFR

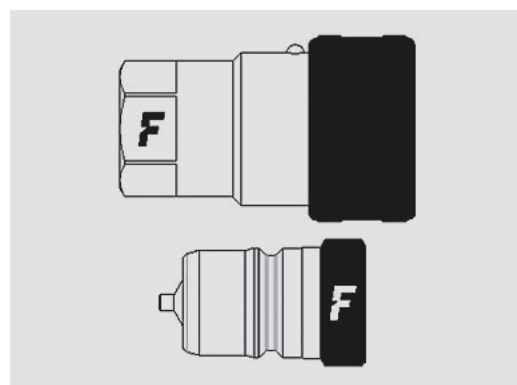


**Standard couplings for Oil & Gas applications,
ISO 7241-B interchange, API 16D certified.**

Special version derived from HNV couplings purposely designed for BOP applications and API 16 D certified. Interchangeable according to ISO 7241-B standards.



Applications

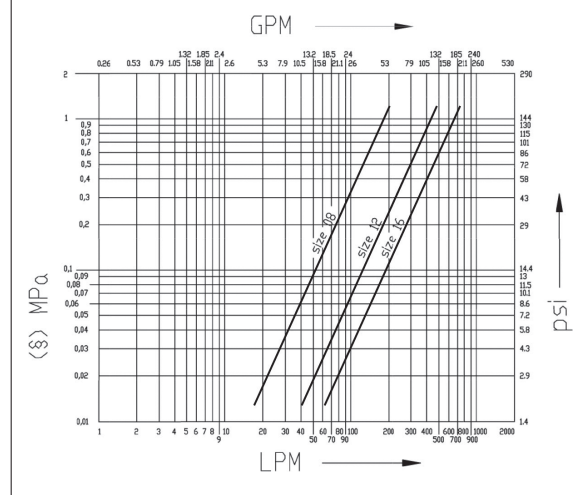


Technical Specifications

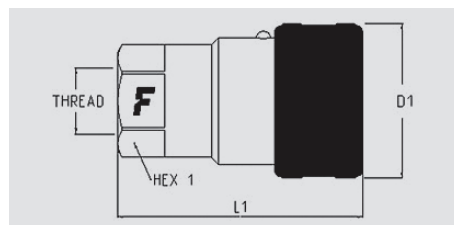
dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
08	12,5	1/2"	21	75	2,8	97	140	140	150
12	20	3/4"	21	190	10	120	110	100	100
16	25	1"	23	270	13	180	120	120	120

Material	Steel
Seals	SPECIAL
Working temperatures	BOP
Surface treatment	MATE 500 (CrIII); Paint
Series Interchange	ISO 7241-B
Valve Type	Poppet
Connection	Sleeve Retraction
Disconnection	Sleeve Retraction
Connection Under Pressure	Not Allowed

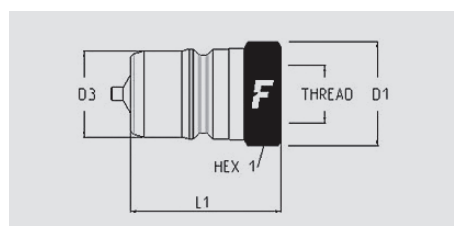
Pressure Drop



HNVFR



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	F NPTF	ANSI B1.20.3	NPTF 1/2 FEMALE	HNVFR 12 NPT F	72	2,8	47,2	1,9	30	1,2
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	HNVFR 34 NPT F	89	3,5	56,2	2,2	36	1,4
1"	25	F NPTF	ANSI B1.20.3	NPTF 1 FEMALE	HNVFR 1 NPT F	106,4	4,2	62,2	2,5	41	1,6



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 NPTF	ANSI B1.20.3	NPTF 1/2 FEMALE	HNVFR 12 NPT M	44	1,7	30	1,2	23,5	0,9	27	1,1
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	HNVFR 34 NPT M	55	2,2	38	1,5	31,5	1,2	36	1,4
1"	25	F NPTF	ANSI B1.20.3	NPTF 1 FEMALE	HNVFR 1 NPT M	66	2,6	45	1,8	37,8	1,5	41	1,6

Accessories

PVC dust caps



Plugs suitable for FEMALE



Caps suitable for MALE

Size			Plug Details		Size			Cap Details	
inch	mm	dash	Part number	Colour	inch	mm	dash	Part number	Colour
1/2"	12,5	08	TMH 12	red	1/2"	12,5	08	TFH 12	red
3/4"	20	12	TMH 34	red	3/4"	20	12	TFH 34	red
3/4"	20	12	TMH 34 N	black	3/4"	20	12	TFH 34 N	black
1"	25	16	TMH 1	red	1"	25	16	TFH 1	red

