

Features

- **Connection system:** pulling back the sleeve
- **Disconnection system:** pulling back the sleeve
- **Shut-off system:** poppet valve
- **Connectability:** without pressure
- **Disconnection under pressure:** not allowed
- **Interchangeability:** according to ISO 7241-1 part B standard

- Balls latching system
- Completely made of AISI 316 stainless steel
- Polishing treatment is a standard
- Seals in Viton, EPDM and other compounds

Accessories and spare part kit

See at pages 28-30.

Technical data

Size ❖	DN Nominal diameter		Rated flow		Force to connect		Max. work pressure ★		Minimum burst pressure						Fluid spillage
									Connected		Male		Female		
	mm	inc.	l/min	GPM	N	lb	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	
1/4" 04	5	0.20	16	4.2	75	16.5	30	4350	200	29000	120	17400	125	18125	1,0
3/8" 06	8	0.31	40	10.6	78	17.2	25	3625	220	31900	106	15370	108	15660	1,5
1/2" 08	10	0.41	60	15.9	97	21.4	25	3625	165	23925	108	15660	110	15950	2,8
3/4" 12	14	0.55	110	29.1	180	39.6	25	3625	165	23925	100	14500	105	15225	10
1" 16	15	0.59	150	39.7	180	39.6	21	3045	106	15370	84	12180	90	13050	13
1 1/2" 24	38	1.50	750	198.4	185	40.7	14	2030	60	8700	56	8120	57	8265	80
2" 32	50	1.97	1600	423.3	160	35.2	9	1305	45	6525	38	5510	40	5800	160

* Safety factor = 1:4 - For static pressure safety factor 1:2

Pressure drop graph:

test bench to ISO 7241-2 specifications with ISO VG 32 oil at 40°C (104°F) temperature.

Materials:

- Female and male in polished AISI 316 stainless steel.
- Springs, balls, valves and guidevalves in AISI 316 stainless steel.

Seals:

Standard in oilproof NBR (Nitrile Rubber).

On request: Viton, Neoprene, EPDM or other seals.

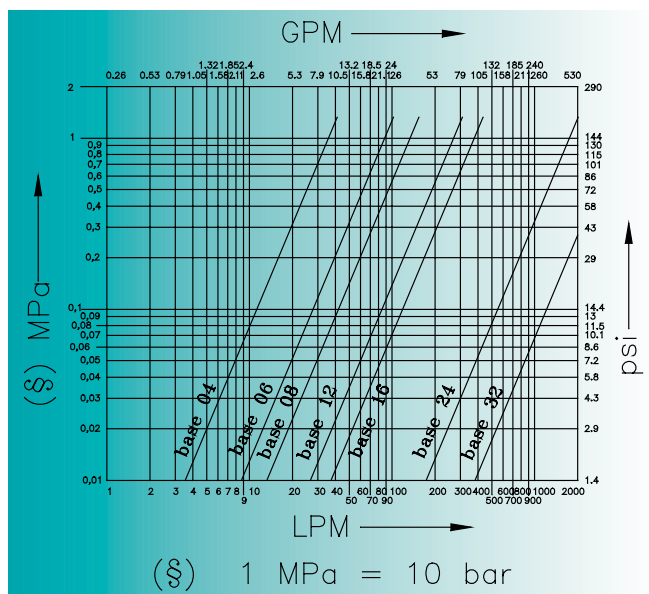
Antiextrusion rings:

In pure PTFE.

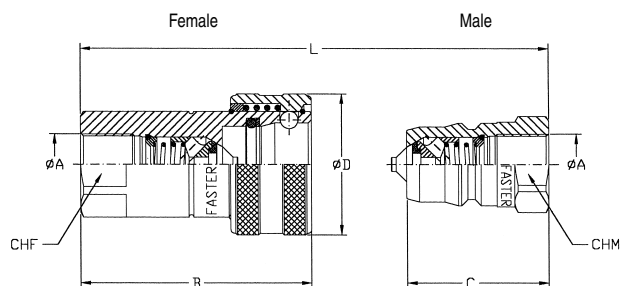
Working temperatures:

with standard seals in NBR (Nitrile Rubber) from -25°C (-13°F) to +125°C (+257°F).

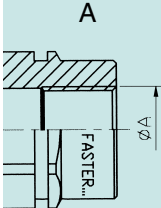
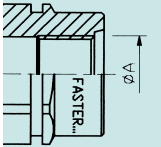
For temperature exceeding these values, the quick-release coupling will be supplied with all components in steel together with the suitable seals.



Series **HNV**
STAINLESS STEEL



LEHENGOMK, S. A.

Threaded end	❖	Threaded end	Female	Male	Thread Ø A	Standards	B		C		Ø D		L		CHF		CHM			
							mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.		
	04	A	HNV 14 GAS F2 HNV 14 NPT F2	HNV 14 GAS M2 HNV 14 NPT M2	1/4" BSP 1/4" NPTF	DIN 3852-2-X ANSI B 1.20.3	56 56	2,20 2,20	35 35	1,38 1,38	28 28	1,1 1,1	70 70	2,76 2,76	19 19	0,75 0,75	19 19	0,75 0,75		
		B	* HNV 14-38SAE F2	* HNV 14-38SAE M2	9/16" UNF	SAE J1926-1	56	2,20	35	1,38	28	1,1	70	2,76	19	0,75	19	0,75		
	06	A	HNV 38 GAS F2 HNV 38 NPT F2	HNV 38 GAS M2 HNV 38 NPT M2	3/8" BSP 3/8" NPTF	DIN 3852-2-X ANSI B 1.20.3	64 64	2,52 2,52	39 39	1,54 1,54	35 35	1,38 1,38	78 78	3,07 3,07	24 24	0,94 0,94	22 22	0,87 0,87		
		B	* HNV 38-38S F2	* HNV 38-38S M2	9/16" UNF	SAE J1926-1	64	2,52	39	1,54	35	1,38	78	3,07	24	0,94	22	0,87		
	08	A	HNV 12 GAS F2 HNV 12 NPT F2	HNV 12 GAS M2 HNV 12 NPT M2	1/2" BSP 1/2" NPTF	DIN 3852-2-X ANSI B 1.20.3	71,5 71,5	2,81 2,81	44 44	1,73 1,73	44 44	1,73 1,73	88 88	3,46 3,46	30 30	1,18 1,18	27 27	1,06 1,06		
		B	* HNV 12-12S F2 * HNV 12-58S F2	* HNV 12-12S M2 * HNV 12-58S M2	3/4" UNF 7/8" UNF	SAE J1926-1 SAE J1926-1	71,5 71,5	2,81 2,81	44 44	1,73 1,73	44 44	1,73 1,73	88 88	3,46 3,46	30 30	1,18 1,18	27 27	1,06 1,06		
	12	A	HNV 34 GAS F2 HNV 34 NPT F2	HNV 34 GAS M2 HNV 34 NPT M2	3/4" BSP 3/4" NPTF	DIN 3852-2-X ANSI B 1.20.3	89 89	3,5 3,5	55 55	2,16 2,16	52 52	2,05 2,05	110 110	4,33 4,33	36 36	1,42 1,42	34 34	1,34 1,34		
		B	* HNV 34-34S F2	* HNV 34-34S M2	1 1/16" UN	SAE J1926-1	89	3,5	55	2,16	52	2,05	110	4,33	36	1,42	34	1,34		
	16	A	HNV 1 GAS F2 HNV 1 NPT F2	HNV 1 GAS M2 HNV 1 NPT M2	1" BSP 1" NPTF	DIN 3852-2-X ANSI B 1.20.3	106 106	4,17 4,17	66 66	2,6 2,6	62 62	2,44 2,44	132 132	5,19 5,19	41 41	1,61 1,61	41 41	1,61 1,61		
		B	* HNV 1-1SAE F2	* HNV 1-1SAE M2	1 5/16" UN	SAE J1926-1	106	4,17	66	2,6	62	2,44	132	5,19	41	1,61	41	1,61		
	24	A	HNV 112-114 GAS F2 HNV 112 GAS F2 HNV 112-114 NPT F2 HNV 112 NPT F2	HNV 112-114 GAS M2 HNV 112 GAS M2 HNV 112-114 NPT M2 HNV 112 NPT M2	1 1/4" BSP 1 1/2" BSP 1 1/4" NPTF 1 1/2" NPTF	DIN 3852-2-X DIN 3852-2-X ANSI B 1.20.3 ANSI B 1.20.3	126 126 126 126	4,96 4,96 4,96 4,96	126 126 126 126	4,96 4,96 4,96 4,96	75 75 75 75	2,95 2,95 2,95 2,95	199 199 199 199	7,83 7,83 7,83 7,83	65 65 65 65	2,56 2,56 2,56 2,56	65 65 65 65	2,56 2,56 2,56 2,56		
			123 123 123 123	4,84 4,84 4,84 4,84	123 123 123 123	4,84 4,84 4,84 4,84	75 75 75 75	2,95 2,95 2,95 2,95	193 193 193 193	7,6 7,6 7,6 7,6	65 65 65 65	2,56 2,56 2,56 2,56	65 65 65 65	2,56 2,56 2,56 2,56						
			32	A	HNV 2 GAS F2 HNV 2 NPT F2 * HNV 2-212 NPT F2 HNV 2-3 NPT F2	HNV 2 GAS M2 HNV 2 NPT M2 * HNV 2-212 NPT M2 HNV 2-3 NPT M2	2" BSP 2" NPTF 2 1/2" NPTF 3" NPTF	DIN 3852-2-X ANSI B 1.20.3 ANSI B 1.20.3 ANSI B 1.20.3	142 142 164 169	5,59 5,59 6,46 6,65	142 142 164 169	5,59 5,59 6,46 6,65	105 105 105 105	4,13 4,13 4,13 4,13	220 220 264 280	8,66 8,66 10,4 11	90 90 90 95	3,54 3,54 3,54 3,74	90 90 90 95	3,54 3,54 3,54 3,74
					B	* HNV 2-2SAE F2	* HNV 2-2SAE M2	2 1/2" UN	SAE J1926-1	142	5,59	142	5,59	105	4,13	220	8,66	90	3,54	90

❖ Size GAS = BSP *On request



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