

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 brass according to EN 12164 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	
1/8" 02	4	0.16	4.5	1.2	110	24.2	20	2900	130	18850	80	11600	100	14500	0,5
1/4" 04	5	0.20	16	4.2	75	16.5	17	2538	100	14500	70	10150	110	15950	1,0
3/8" 06	8	0.31	40	10.6	78	17.2	14	2030	108	15660	55	7975	58	8410	1,5
1/2" 08	10	0.41	60	15.9	97	21.4	16	2320	110	15950	65	9425	65	9425	2,8
3/4" 12	14	0.55	110	29.1	180	39.6	10	1450	102	14790	40	5800	50	7250	10
1" 16	15	0.59	150	39.7	180	39.6	14	2030	80	11600	55	7975	58	8410	13
1 1/2" 24	38	1.50	750	198.4	185	40.7	7	1015	40	5800	30	4350	33	4785	80
2" 32	50	1.97	1600	423.3	160	35.2	6	870	31	4495	25	3625	27	3915	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, male, valves and guidevalves in brass according to EN 12164 standards.
- Springs and balls in AISI 316.

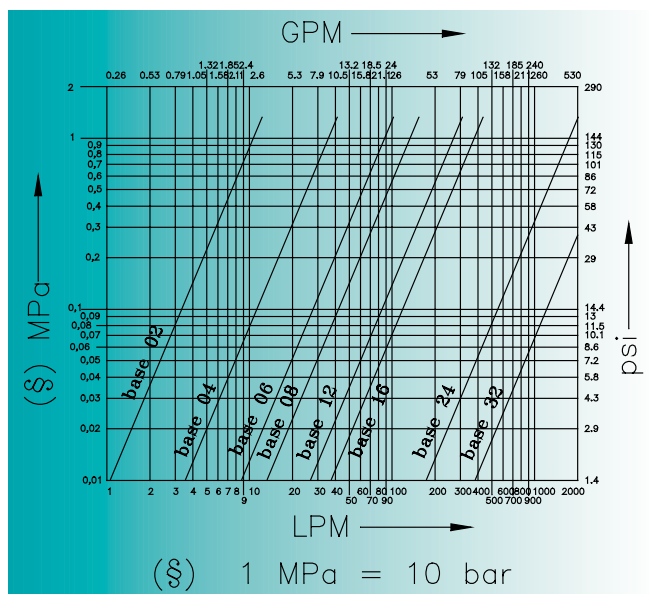
Seals:

Standard in oilproof NBR (Nitrile Rubber).
On request: Viton, Neoprene, EPDM or other seals.

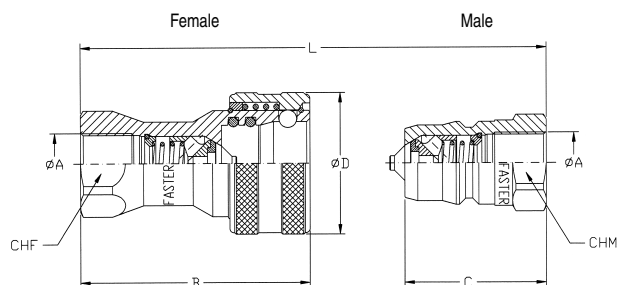
Working temperatures:

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.

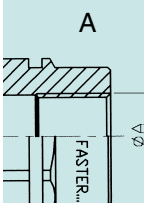
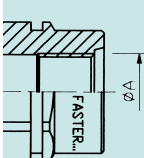
Series HNV BRASS



Series **HNV BRASS**



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.
	02	A	HNV 18 GAS F5 HNV 18 NPT F5	HNV 18 GAS M5 HNV 18 NPT M5	1/8" BSP 1/8" NPTF	DIN 3852-2-X ANSI B 1.20.3	50 50	1,97 1,97	31,5 31,5	1,24 1,24	23 23	0,91 0,91	63 63	2,48 2,48	18 18	0,71 0,71	16 16	0,63 0,63
		B	* HNV 18-38S F5	* HNV 18-38S M5	9/16" UNF	SAE J1926-1	50	1,97	31,5	1,24	23	0,91	63	2,48	18	0,71	16	0,63
	04	A	HNV 14 GAS F5 HNV 14 NPT F5	HNV 14 GAS M5 HNV 14 NPT M5	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 14-38S F5	* HNV 14-38S M5	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 F5 HNV 38 NPT F5	HNV 38 GAS M5 HNV 38 NPT M5	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 F5	* HNV 38-38S M5	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 F5 HNV 12 NPT F5	HNV 12 GAS M5 HNV 12 NPT M5	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 12-12SAE F5 * HNV 12-58S F5	HNV 12-12SAE M5 * HNV 12-58S M5	3/4" UN 7/8" UN	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 F5 HNV 34 NPT F5	HNV 34 GAS M5 HNV 34 NPT M5	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 F5	* HNV 34-34S M5	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 F5 HNV 1 NPT F5	HNV 1 GAS M5 HNV 1 NPT M5	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 F5	* HNV 1-1SAE M5	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 F5 HNV 112 GAS F5 HNV 112-114 NPT F5 HNV 112 NPT F5	HNV 112-114 GAS M5 HNV 112 GAS M5 HNV 112-114 NPT M5 HNV 112 NPT M5	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
			* HNV 112-114S F5 * HNV 112-112S F5	* HNV 112-114S M5 * HNV 112-112S M5	1 5/8" UN 1 7/8" UN	SAE J1926-1 SAE J1926-1	123 123	4,84 4,84	123 123	4,84 4,84	75 75	2,95 2,95	193 193	7,6 7,6	65 65	2,56 2,56	65 65	2,56 2,56
	32	A	HNV 2 GAS F5 HNV 2 NPT F5 * HNV 2-212 NPT F5 * HNV 2-3 NPT F5	HNV 2 GAS M5 HNV 2 NPT M5 * HNV 2-212 NPT M5 * HNV 2-3 NPT M5	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
			* HNV 2-2S F	* HNV 2-2S M	2 1/2" UN	SAE J1926-1	169	6,65	169	6,65	105	4,13	280	11	95	3,74	95	3,74

❖ Size GAS = BSP *On request

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