

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 A standard (1/2" size only)

- Balls latching system
- Guidevalve with mechanical backstop
- Perfect interchangeability with ball valve couplings NS series

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	6	0.24	15	3.9	55	12.1	35	5075	140	20300	140	20300	140	20300	0,8
3/8" 06	9	0.35	50	13.2	85	18.7	30	4350	140	20300	120	17400	120	17400	1,3
1/2" 08	10.5	0.41	75	19.8	92	20.3	30	4350	130	18850	120	17400	130	18850	1,8
3/4" 12	16	0.63	150	39.6	150	33	25	3625	100	14500	100	14500	100	14500	8
1" 16	17.5	0.69	230	60.8	130	28.6	23	3335	95	13775	95	13775	98	14210	13
1 1/4" 20	22.5	0.89	340	89.8	145	31.9	22	3190	92	13340	92	13340	90	13050	30
1 1/2" 24	29.5	1.16	450	119	265	58.4	18	2610	80	11600	70	10150	70	10150	34
2" 32	47	1.85	1000	264	250	55	13	1885	64	9280	55	7975	70	10150	100

* 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 in steel with wear parts carbonitrited.
- Male in high grade carbon steel, induction hardened.
- Steel hardened valve.
- Surface treatment: zinc plating and Cr III passivation.
- Springs in C98 steel.
- High resistance balls 100 C6.

Seals:

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

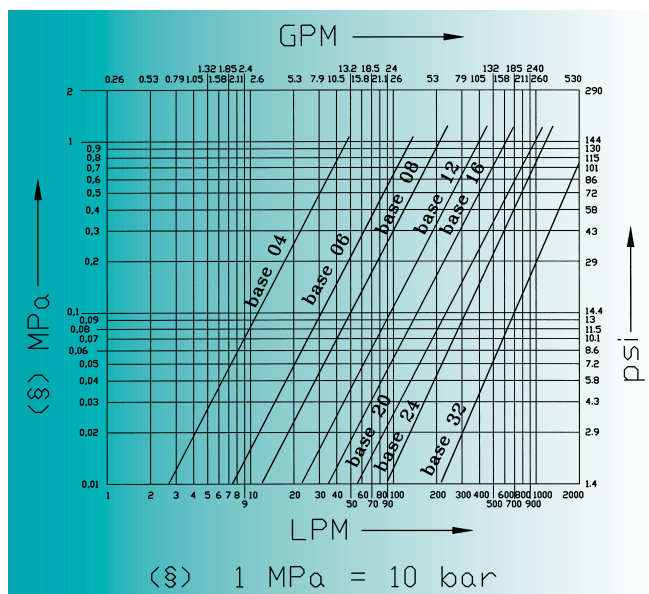
Antiextrusion rings:

In pure PTFE.

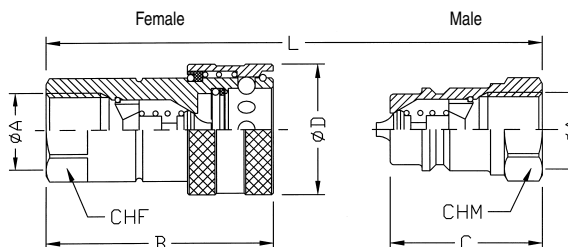
Working temperatures:

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 **NV**



FASTER®

LEHENGOMK, S. A.

Threaded end	❖	Threaded end	Female	Male A	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	NV 14 GAS F NV 14 NPT F * NV 14 JPT F * NV 1415 F	NV 14 GAS M NV 14 NPT M * NV 14 JPT M * NV 1415 M	1/4" BSP 1/4" NPTF 1/4" JPT M14x1,5	DIN 3852-2-X ANSI B 1.20.3 JIS B 0203 DIN 3852-2-X	50	1,97	33	1,30	27	1,06	66	2,6	19	0,75	19	0,75
		B	NV 14-38 SAE F	NV 14-38 SAE M	9/16" UNF	SAE J1926-1	52,5	2,07	35,5	1,39	27	1,06	71	2,79	19	0,75	19	0,75
	06	A	NV 38 GAS F NV 38 NPT F * NV 38 JPT F NV 1815 F	NV 38 GAS M NV 38 NPT M * NV 38 JPT M * NV 1815 M	3/8" BSP 3/8" NPTF 3/8" JPT M18x1,5	DIN 3852-2-X ANSI B 1.20.3 JIS B 0203 DIN 3852-2-X	59,5	2,34	39	1,54	33	1,3	78	3,07	24	0,94	24	0,94
		B	* NV 38-38 SAE F	* NV 38-38 SAE M	9/16" UNF	SAE J1926-1	59,5	2,34	39	1,54	33	1,3	78	3,07	24	0,94	24	0,94
	08	A	NV 12 GAS F NV 12 NPT F NV 12 JPT F * NV 2215 F	NV 12 GAS M NV 12 NPT M NV 12 JPT M NV 2215 M	1/2" BSP 1/2" NPTF 1/2" JPT M22x1,5	DIN 3852-2-X ANSI B 1.20.3 JIS B 0203 DIN 3852-2-X	66	2,60	44	1,73	38	1,5	88	3,46	27	1,06	27	1,06
			NV 12-12 SAE F NV 12-58 SAE F NV 0/2215 F * NV 0/12 GAS F	NV 12-12 SAE M NV 12-58 SAE M NV 0/2215 M NV 0/12 GAS M	3/4" UNF 7/8" UNF M22x1,5 1/2" BSP	SAE J1926-1 SAE J1926-1 ISO 6149-1 DIN 3852-2-X	66	2,60	47	1,85	38	1,5	88	3,46	27	1,06	27	1,06
							66	2,60	44	1,73	38	1,5	88	3,46	27	1,06	27	1,06
							66	2,60	44	1,73	38	1,5	88	3,46	27	1,06	27	1,06
	12	A	NV 34 GAS F NV 34 NPT F * NV 34 JPT F	NV 34 GAS M NV 34 NPT M * NV 34 JPT M	3/4" BSP 3/4" NPTF 3/4" JPT	DIN 3852-2-X ANSI B 1.20.3 JIS B 0203	82,5	3,25	53,5	2,11	48	1,89	107	4,21	34	1,34	34	1,34
							82,5	3,25	53,5	2,11	48	1,89	107	4,21	34	1,34	34	1,34
	16	A	NV 1 GAS F NV 1 NPT F * NV 1 JPT F	NV 1 GAS M NV 1 NPT M * NV 1 JPT M	1" BSP 1" NPTF 1" JPT	DIN 3852-2-X ANSI B 1.20.3 JIS B 0203	100	3,94	66	2,60	56	2,2	132	5,2	41	1,61	41	1,61
							100	3,94	66	2,60	56	2,2	132	5,2	41	1,61	41	1,61
	20	A	NV 114 GAS F NV 114 NPT F * NV 114 JPT F	NV 114 GAS M NV 114 NPT M * NV 114 JPT M	1 1/4" BSP 1 1/4" NPTF 1 1/4" JPT	DIN 3852-2-X ANSI B 1.20.3 JIS B 0203	115	4,53	73	2,87	70	2,76	146	5,75	50	1,97	50	1,97
							115	4,53	73	2,87	70	2,76	146	5,75	50	1,97	50	1,97
	24	A	NV 112 GAS F NV 112 NPT F * NV 112 JPT F	NV 112 GAS M NV 112 NPT M * NV 112 JPT M	1 1/2" BSP 1 1/2" NPTF 1 1/2" JPT	DIN 3852-2-X ANSI B 1.20.3 JIS B 0203	127,5	5,02	83,5	3,29	84	3,31	166	6,54	60	2,36	60	2,36
							127,5	5,02	83,5	3,29	84	3,31	166	6,54	60	2,36	60	2,36
	32	A	NV 2 GAS F NV 2 NPT F * NV 2 JPT F	NV 2 GAS M NV 2 NPT M * NV 2 JPT M	2" BSP 2" NPTF 2" JPT	DIN 3852-2-X ANSI B 1.20.3 JIS B 0203	151	5,94	100	3,94	119	4,69	200	7,87	75	2,95	75	2,95
							151	5,94	100	3,94	119	4,69	200	7,87	75	2,95	75	2,95

❖ Size GAS = BSP *On request



LEHENGOMK, S. A.