

Types 02-003 | 06-003 | 07-003 | LP-003

Technical information

Nominal bore [mm]	Cv value		Q [L/min] water 20 °C, Δp = 1 bar/15 psi		Q [m³/h] air 6 bar abs / 87 psia, 20 °C, Δp = 1 bar / 15 psi		p max. permissible static [bar / psi]			Type
	EA	BA	EA	BA	EA	BA	Steel	Brass	Stainless steel	
							coupled			
2.5		0.10		1.43		5.06	500 / 7,250			02-003
2.5	0.17		2.43		8.60			100 / 1,450		06-003
3		0.14		2.00		7.08		200 / 2,900		07-003
3	0.21		3.00		10.63			200 / 2,900		LP-003

One side self-sealing (EA). Both sides self-sealing (BA). The pressure values are applicable at a temperature of 20°C. Please inquire about other temperature ranges.

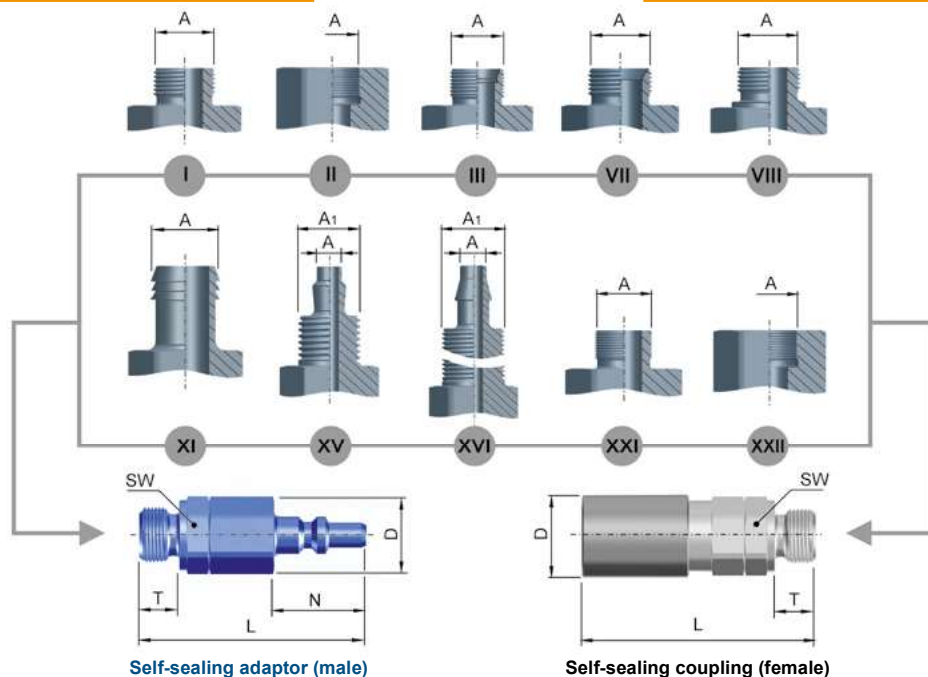
The maximum permissible operating pressures specified here (p max. permissible static) for the quick coupling systems apply exclusively to the materials stated by us and operation with Group II media according to Directive 2014/68/EU. The use of optional materials, other media (especially media from Group I) or other temperature ranges can lead to deviating maximum permissible operating pressures and must be requested separately at your supplier or directly at WALTHER-PRÄZISION.

Please note that both the maximum permissible operating pressure of the quick coupling system and the maximum permissible operating pressure of the connection must be considered in determining the plant operating pressure. Our safety instructions must be followed. You can find the safety instructions on page 22 of this catalogue.

If you have additional questions or need further information, please consult either your supplier or WALTHER-PRÄZISION directly.

◀◀ To view the performance diagram please click here.

To view the connection description ▶▶▶ please click here.



Type LP-003

Product design features

Intended use: Small-sized quick coupling system in the medium pressure range for the transmission of fluid and gaseous media in an industrial / commercial environment with automatic locking, shut-off on coupling side only.

Properties	Materials	Seals	Additional options
- Automatic locking (one-hand operation) - One-sided shut-off (Valve only on coupling side)	23 = Brass nickel plated	1 = NBR 2 = FKM 4 = EPDM	OV = Without valve EX = ATEX-compliant FD = FDA-compliant FF = Oil and grease-free FL = free from paint wetting impairment substances

Attention: Self-sealing coupling + OV \cong Product type Thru-type coupling

Order number configuration

LP-003-0-L0612-Material-Seal-Additional options-Y..-/Z..



Product chart

NB	Product type	A / A1	Design	Range	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Brass	Material-neutral part number
3	Self-sealing coupling (female)	M 12 x 1.5	III	L	6	4	14	10	15	34.5		38	LP-003-0-L0612-...-
3	Self-sealing coupling (female)	4 mm	XI			2.5	14	19	15	44.5		36	LP-003-0-SL004-...-
3	Self-sealing coupling (female)	OD 6 ID 4 mm M 10 x 1	XV				14	16	15	40.5		50	LP-003-0-SW004-...-
3	Self-sealing coupling (female)	BSPP 1/8"	I				14	8	15	32.5		32	LP-003-0-WR010-...-
3	Thru-type adaptor (male)	4 mm	XI					19	8	35	13	4	LP-003-1-SL004-..
3	Thru-type adaptor (male)	OD 6 ID 4 mm M 10 x 1	XV				12	16	13.2	33	13	17	LP-003-1-SW004-..
3	Thru-type adaptor (male)	BSPP 1/8"	I				12	8	13.8	25	13	9	LP-003-1-WR010-..

NB - Nominal bore [mm] A / A1 - Connection SW - Wrench size [mm] T - Thread length [mm] D - Diameter [mm] L - Length [mm] N - Adaptor length [mm] Weight [g]