



Series LS

Technical chart | Quick coupling systems

Nominal bore [mm]	Cv value		Q [m³/h] air 6 bar, 20 °C, Δp = 1 bar		Related Thru-type adaptor (male) coupled with	p max. permissible static [bar / psi]
	EA	BA	EA	BA		WEDISO coupled
6	1.71		86.54		LP-006-1	12 / 174
6	1.90		96.15		LS-E06-1	12 / 174
9	4.32		218.62		SP-009-1	12 / 174
11	5.14		260.12		LS-E11-1	12 / 174
12	7.80		394.73		LP-012-1	16 / 232
23	25.80		1,305.66		LP-019-1	16 / 232
23	33.60		1,700.39		LS-023-1	16 / 232
38	107.00		5,414.93		LS-038-1	16 / 232

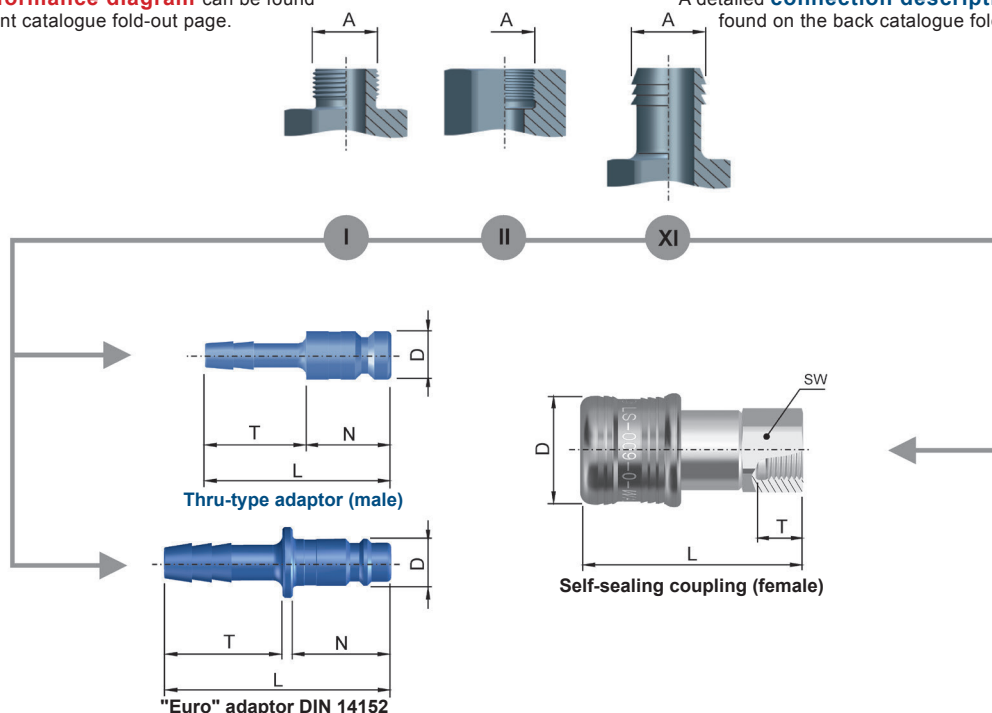
One side self-sealing (EA). Both sides self-sealing (BA). The pressure values are applicable at a temperature of 20°C. Please inquire about other temperature ranges.

Stated maximum permissible operating pressures (p max. permissible static) only apply to materials specified by us and to operation with group II media according to directive 2014/68/EU. Material combinations, optional materials, as well as other media or other temperature ranges can lead to divergent maximum permissible operating pressures and must be requested separately.

Please note that the maximum permissible operating pressure of the connection and quick coupling system must be considered when determining the operating pressure. Our safety instructions must be followed.

◀◀ The **performance diagram** can be found on the front catalogue fold-out page.

A detailed **connection description** can be found on the back catalogue fold-out page. ▶▶





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Features chart | Quick coupling systems

	Product features	WEDISO	Additional options
Standard	LS-006 - Can be coupled with adaptor profile LP-006-1 and DIN 14152 (so-called "Euro" adaptor) - Automatic locking (one-hand operation) - Safety unlocking (residual pressure-dependent) LS-009 - Can be coupled with adaptor profile SP-009-1 LS-E11 - Can be coupled with adaptor profile DIN 14152 (so-called "Euro" adaptor)	LS-006/009 coupling housing: Chemically nickel-plated steel Locking sleeve: Passivated brass Connecting pieces: Galvanised steel Seal: NBR LS-012/023/038 Coupling housing: Nickel-plated brass Connecting link disc: Nickel-plated brass Locking sleeve: Hard-coated aluminium Seal: NBR	FL = Free from enamel flow-disturbing substances
Optional	LS-012 - Height and width of the coupling with lever: 83 mm and 98 mm LS-023 - Height and width of the coupling with lever: 107 mm and 135 mm LS-038 - Height and width of the coupling with lever: 150 mm and 170 mm	Other materials on request	

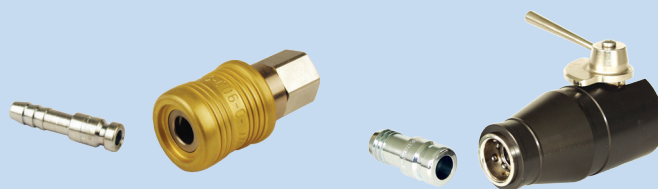
Fully meets the safety requirements in accordance with DIN EN ISO 4414 „Pneumatic fluid power: - General rules and safety requirements for systems and their components“. This safety is achieved by a pressure-dependent two-step disconnection (avoiding the whip effect).

For example, a complete part number looks like this:

LS-006-0-SL009-WEDISO-Additional options-Y./-Z..

Product chart | Quick coupling systems

Thru-type adaptor marked in blue



NB	Product type	A	De- sign	Pipe ID	SW	T	D	L	N	Weight WEDISO	Material-neutral part number
6	Self-sealing coupling (female)	9 mm	XI		24	30	37	91.5		265	LS-006-0-SL009-.....Z01

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



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Product chart | Quick coupling systems

Thru-type adaptor marked in blue

NB	Product type	A	De- sign	Pipe ID	SW	T	D	L	N	Weight WEDISO	Material-neutral part number
6	Self-sealing coupling (female)	11 mm	XI		24	30	37	91.5		265	LS-006-0-SL011-....-Z01
6	Self-sealing coupling (female)	13 mm	XI		24	30	37	91.5		275	LS-006-0-SL013-....-Z01
6	Self-sealing coupling (female)	BSPP 1/4"	I		24	11	37	72.5		255	LS-006-0-WR013-....-Z01
6	Self-sealing coupling (female)	BSPP 3/8"	I		24	12	37	73.5		265	LS-006-0-WR017-....-Z01
6	Self-sealing coupling (female)	BSPP 1/2"	I		24	15	37	76.5		275	LS-006-0-WR021-....-Z01
6	Self-sealing coupling (female)	BSPP 1/4"	II		24	13	37	74.5		275	LS-006-0-WR513-....-Z01
6	Self-sealing coupling (female)	BSPP 3/8"	II		24	14	37	75.5		275	LS-006-0-WR517-....-Z01
6	Self-sealing coupling (female)	BSPP 1/2"	II		27	17	37	78.5		295	LS-006-0-WR521-....-Z01
6	Thru-type adaptor (male)	9 mm	XI			23	12	46.1	20	16	LS-E06-1-SL009-..
6	Thru-type adaptor (male)	11 mm	XI			25.1	12	48.2	20	18	LS-E06-1-SL011-..
6	Thru-type adaptor (male)	13 mm	XI			25	15	48.3	20	20	LS-E06-1-SL013-..
6	Thru-type adaptor (male)	BSPP 1/4"	I		14	11.5	16.2	37.1	20	21	LS-E06-1-WR013-..
6	Thru-type adaptor (male)	BSPP 3/8"	I		19	8.6	21.1	34	20	27.5	LS-E06-1-WR017-..
6	Thru-type adaptor (male)	BSPP 1/4"	II		17	7.5	19.5	33	20	25.5	LS-E06-1-WR513-..
9	Self-sealing coupling (female)	13 mm	XI		25	30	40.6	94.4		298	LS-009-0-SL013-....
9	Self-sealing coupling (female)	BSPP 1/2"	I		25	15	40.6	82.6		300	LS-009-0-WR021-....
9	Self-sealing coupling (female)	BSPP 1/2"	II		27	17	40.6	79.6		315	LS-009-0-WR521-....
9	Self-sealing coupling (female)	BSPP 3/4"	II		32	19	40.6	81.6		334	LS-009-0-WR526-....
11	Self-sealing coupling (female)	13 mm	XI	9	25	30	40.6	93		293	LS-E11-0-SL013-....
11	Self-sealing coupling (female)	BSPP 1/2"	I		25	15	40.6	81		290	LS-E11-0-WR021-....

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Thru-type adaptor marked in blue

NB	Product type	A	De- sign	Pipe ID	SW	T	D	L	N	Weight WEDISO	Material-neutral part number
11	Self-sealing coupling (female)	BSPP 1/2"	II		27	17	40.6	78		305	LS-E11-0-WR521-....
11	Self-sealing coupling (female)	BSPP 3/4"	II		32	19	40.6	80		324	LS-E11-0-WR526-....
11	Thru-type adaptor (male)	13 mm	XI	10		25	15	48	21.4	29	LS-E11-1-SL013-..
11	Thru-type adaptor (male)	BSPP 3/8"	I	9,8	25	12	27.8	43.4	21.4	32	LS-E11-1-WR017-..
11	Thru-type adaptor (male)	BSPP 1/2"	I		25	15	27.8	46.4	21.4	53.5	LS-E11-1-WR021-..
11	Thru-type adaptor (male)	BSPP 1/2"	II		27	17	30	43.4	21.4	42	LS-E11-1-WR521-..
12	Self-sealing coupling (female)	BSPP 1/2"	II		25	17.5	58	134		1,011	LS-012-0-WR521-....-Z01
23	Self-sealing coupling (female)	BSPP 1"	II		40	21	75.8	170.4		2,695	LS-023-0-WR533-....-Z02
23	Thru-type adaptor (male)	25 mm	XI	19		40	48	81	36	230	LS-023-1-SL025-..
23	Thru-type adaptor (male)	BSPP 1"	I		36	20	40	66	36	219	LS-023-1-WR033-..
38	Self-sealing coupling (female)	BSPP 1 1/2"	II		55	43.25	105	218		11,438	LS-038-0-WR548-....-Z03
38	Thru-type adaptor (male)	53 mm	XI			70	63	129	53.9	1,040	LS-038-1-SL053-..
38	Thru-type adaptor (male)	BSPP 1 1/2"	I		55	22	61.3	93.9	53.9	641	LS-038-1-WR048-..

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