

Series LS

Technical information

Nominal bore [mm]	Cv value		Q [m ³ /h] air 6 bar abs / 87 psia, 20 °C, Δp = 1 bar / 15 psi		Related Thru-type adaptor (male)	p max. permissible static [bar / psi]
	EA	BA	EA	BA		
					coupled with	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

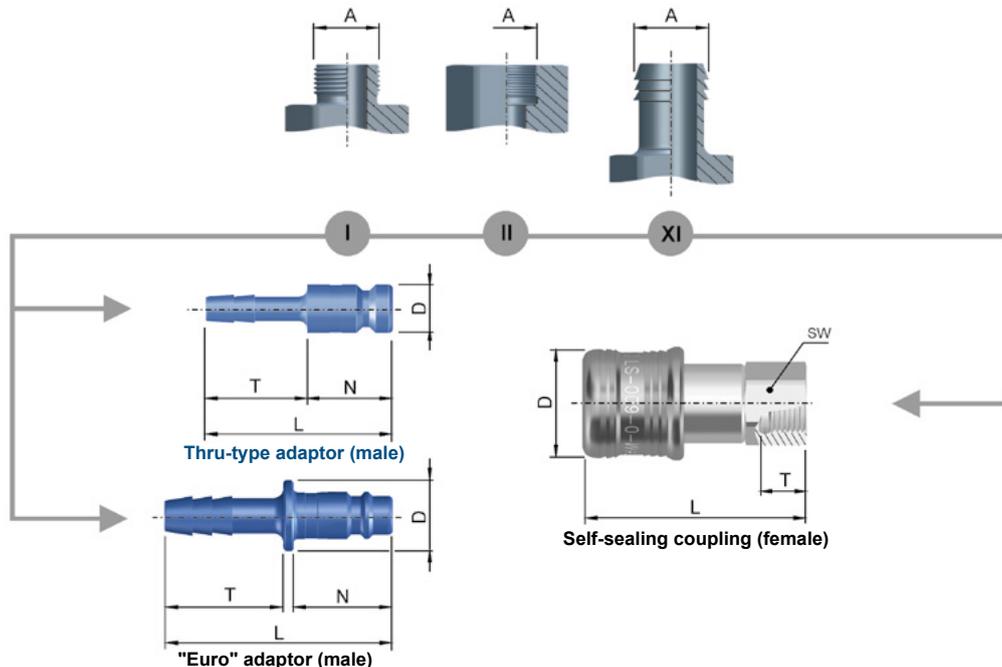
One side self-sealing (EA). Both sides self-sealing (BA). The pressure values are applicable at a temperature of 20°C. Please inquire about other temperature ranges. The maximum permissible operating pressures specified here (p max. permissible static) for the quick coupling systems apply exclusively 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.



Product design features

Intended use: Compressed air safety quick coupling system for a wide range of applications, for the transmission of compressed air in an industrial / commercial environment.

Properties	WEDISO	Additional options
<ul style="list-style-type: none"> - Automatic locking (One-hand operation) - Safety unlocking (depending on residual pressure) <p>LS-006</p> <ul style="list-style-type: none"> - Can be coupled to adaptor profile LP-006-1 and Euro adaptor <p>LS-009</p> <ul style="list-style-type: none"> - Can be coupled to adaptor profile SP-009-1 <p>LS-E11</p> <ul style="list-style-type: none"> - Can be coupled to Euro adaptor XL <p>From NW 12 two-stage lever locking: coupling process and valve opening separate.</p> <p>LS-012</p> <ul style="list-style-type: none"> - Dimensions with lever: Height: 83 mm / Width: 98 mm <p>LS-023</p> <ul style="list-style-type: none"> - Dimensions with lever: Height: 107 mm / Width: 135 mm <p>LS-038</p> <ul style="list-style-type: none"> - Dimensions with lever: Height: 150 mm / Width: 170 mm 	<p>LS-006 / 009 coupling housing: Chemically nickel-plated steel Locking sleeve: Passivated brass Connecting pieces: Galvanised steel Seal: NBR</p> <p>LS-012 / 023 / 038 Coupling housing: Nickel-plated brass Connecting link disc: Nickel-plated brass Locking sleeve: Hard-coated aluminium Seal: NBR</p> <p>Optional Other materials on request</p>	<p>FL = free from paint wetting impairment substances (Not for LS-038!)</p>

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).

Order number configuration

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

Product chart



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
6	Self-sealing coupling (female)	11 mm	XI		24	30	37	91.5		265	LS-006-0-SL011-.....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]

Series LS

Product chart

NB	Product type	A	De- sign	Pipe ID	SW	T	D	L	N	Weight WEDISO	Material-neutral part number
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-....
11	Self-sealing coupling (female)	BSPP 1/2"	II		27	17	40.6	78		305	LS-E11-0-WR521-....

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]

Series LS

Product chart

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 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-..

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]