

Series SP

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]		
	EA	BA	EA	BA	EA	BA	Steel	Brass	Stainless steel
							coupled	coupled	coupled
6	1.10	0.77	15.71	11.00	55.67	38.97	120 / 1,740	60 / 870	100 / 1,450
9	2.41	2.10	34.42	29.99	121.96	106.27	100 / 1,450	40 / 580	80 / 1,160

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.

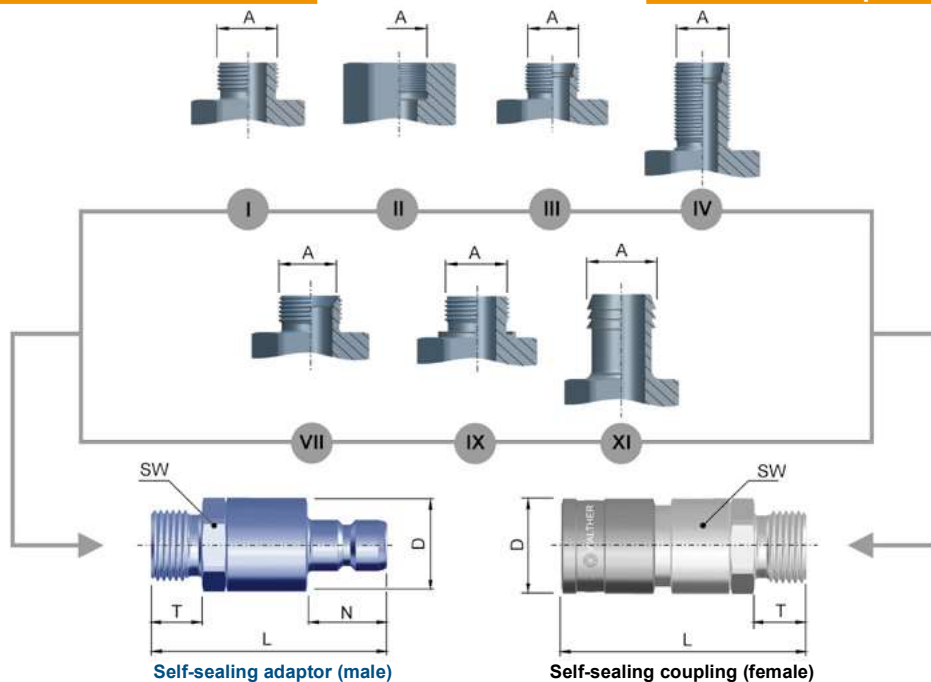
The maximum permissible operating pressures specified here (p max. permissible static) for the quick coupling systems apply exclusively to the materials stated by us and operation with Group II media according to Directive 2014/68/EU. The use of optional materials, other media (especially media from 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: Slimline low pressure quick coupling system for a wide range of applications, for the transmission of fluid or gaseous media in an industrial / commercial environment.

Properties	Materials	Seals	Additional options
- Reduced outer diameter (compared to LP)	01 = Stainless steel 1.4404/1.4571 or similar 11 = Steel zinc plated 21 = Brass passivated 22 = Brass chrome plated Optional 13 = Steel chemically nickel plated 24 = Brass chemically nickel plated	1 = NBR 2 = FKM 4 = EPDM Optional FFKM	BB = 3.1 production FD = FDA-compliant FF = Oil- and grease-free GL = Smooth design GX = Smooth design with width flat end connection OV* = Without valve

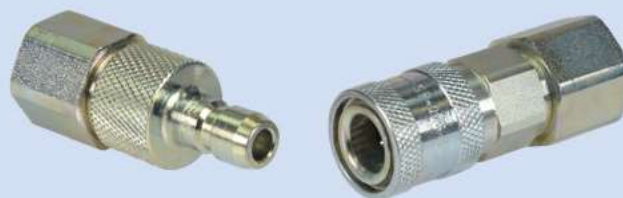
*SP-006-0-...-OV not connectable with SP-006-2-... Suitable protection elements can be found in this catalogue from p. 180.

Attention: Self-sealing coupling + OV \triangleq Product type Thru-type coupling; Self-sealing adaptor + OV \triangleq Product type Thru-type adaptor

Order number configuration

SP-006-0-D0614-Material-Seal-Additional options-Y./-Z..

Product chart



NB	Product type	A	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
6	Self-sealing coupling (female)	M 12 x 1.5	III	L	6	4	19	10	22	57		85	SP-006-0-L0612-...-
6	Self-sealing coupling (female)	M 14 x 1.5	III	L	8	6	19	10	22	57		85	SP-006-0-L0814-...-
6	Self-sealing coupling (female)	M 16 x 1.5	III	L	10	8	19	11	22	58		90	SP-006-0-L1016-...-
6	Self-sealing coupling (female)	M 18 x 1.5	III	L	12	10	19	11	22	58		90	SP-006-0-L1218-...-
6	Self-sealing coupling (female)	M 14 x 1.5	IV	L	8	6	19	32	22	79		100	SP-006-0-LV008-...-
6	Self-sealing coupling (female)	M 16 x 1.5	III	S	8	4	19	12	22	59		90	SP-006-0-S0816-...-

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 SP

Product chart

NB	Product type	A	Design	Range	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
6	Self-sealing coupling (female)	M 18 x 1,5	III	S	10	6	19	12	22	59		95	SP-006-0-S1018-...
6	Self-sealing coupling (female)	6 mm	XI			4	19	25	22	72		85	SP-006-0-SL006-...
6	Self-sealing coupling (female)	9 mm	XI				19	30	22	77		90	SP-006-0-SL009-...
6	Self-sealing coupling (female)	11 mm	XI				19	30	22	77		95	SP-006-0-SL011-...
6	Self-sealing coupling (female)	13 mm	XI				19	30	22	77		110	SP-006-0-SL013-...
6	Self-sealing coupling (female)	BSPP 3/8"	VII			6	19	12	22	59		95	SP-006-0-VR017-...
6	Self-sealing coupling (female)	BSPP 3/8"	IX				27	12	22	64		130	SP-006-0-WE017-...
6	Self-sealing coupling (female)	BSPP 1/4"	I				19	11	22	58		90	SP-006-0-WR013-...
6	Self-sealing coupling (female)	BSPP 3/8"	I				19	12	22	59		95	SP-006-0-WR017-...
6	Self-sealing coupling (female)	BSPP 1/2"	I				22	15	22	62		120	SP-006-0-WR021-...
6	Self-sealing coupling (female)	BSPP 1/4"	II				19	13	22	57		95	SP-006-0-WR513-...
6	Self-sealing coupling (female)	BSPP 3/8"	II				22	14	22	58		100	SP-006-0-WR517-...
6	Self-sealing coupling (female)	M 16 x 1,5	IV	L	10	8	19	32	22	79		110	SP-006-0-XX211-...
6	Thru-type adaptor (male)	6 mm	XI			4			11	46	20	13	SP-006-1-SL006-..
6	Thru-type adaptor (male)	9 mm	XI						11	51	20	18	SP-006-1-SL009-..
6	Thru-type adaptor (male)	BSPP 1/8"	I			4	14	8	15,5	34	20	20	SP-006-1-WR010-..
6	Thru-type adaptor (male)	BSPP 1/4"	I				14	11	15,5	37	20	23	SP-006-1-WR013-..
6	Thru-type adaptor (male)	BSPP 3/8"	I				19	12	21,9	38	20	37	SP-006-1-WR017-..
6	Thru-type adaptor (male)	BSPP 1/4"	II				17	13	19,6	36	20	26	SP-006-1-WR513-..
6	Thru-type adaptor (male)	BSPP 3/8"	II				22	14	24	37	20	40	SP-006-1-WR517-..
6	Self-sealing adaptor (male)	M 12 x 1,5	III	L	6	4	19	10	22	55	20	70	SP-006-2-L0612-...

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 SP**Product chart**

NB	Product type	A	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
6	Self-sealing adaptor (male)	M 14 x 1.5	III	L	8	6	19	10	22	55	20	70	SP-006-2-L0814-...-
6	Self-sealing adaptor (male)	M 16 x 1.5	III	L	10	8	19	11	22	56	20	70	SP-006-2-L1016-...-
6	Self-sealing adaptor (male)	M 18 x 1.5	III	L	12	10	19	11	22	56	20	70	SP-006-2-L1218-...-
6	Self-sealing adaptor (male)	M 14 x 1.5	IV	L	8	6	19	32	22	77	20	85	SP-006-2-LV008-...-
6	Self-sealing adaptor (male)	M 16 x 1.5	III	S	8	4	19	12	22	57	20	75	SP-006-2-S0816-...-
6	Self-sealing adaptor (male)	M 18 x 1.5	III	S	10	6	19	12	22	57	20	75	SP-006-2-S1018-...-
6	Self-sealing adaptor (male)	6 mm	XI			4	19	25	22	70	20	70	SP-006-2-SL006-...-
6	Self-sealing adaptor (male)	9 mm	XI				19	30	22	75	20	70	SP-006-2-SL009-...-
6	Self-sealing adaptor (male)	11 mm	XI				19	30	22	75	20	80	SP-006-2-SL011-...-
6	Self-sealing adaptor (male)	13 mm	XI				19	30	22	75	20	90	SP-006-2-SL013-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	VII			6	19	12	22	57	20	75	SP-006-2-VR017-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	IX				27	12	22	62	20	110	SP-006-2-WE017-...-
6	Self-sealing adaptor (male)	BSPP 1/4"	I				19	11	22	56	20	70	SP-006-2-WR013-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	I				19	12	22	57	20	75	SP-006-2-WR017-...-
6	Self-sealing adaptor (male)	BSPP 1/2"	I				22	15	22	60	20	100	SP-006-2-WR021-...-
6	Self-sealing adaptor (male)	BSPP 1/4"	II				19	13	22	55	20	75	SP-006-2-WR513-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	II				22	14	22	56	20	80	SP-006-2-WR517-...-
6	Self-sealing adaptor (male)	M 16 x 1.5	IV	L	10	8	19	32	22	77	20	95	SP-006-2-XX211-...-
9	Self-sealing coupling (female)	13 mm	XI				25	30	28	86		180	SP-009-0-SL013-...-
9	Self-sealing coupling (female)	BSPP 3/8"	I				25	12	28	71		180	SP-009-0-WR017-...-

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 SP

Product chart

NB	Product type	A	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
9	Self-sealing coupling (female)	BSPP 1/2"	I				25	15	28	71		190	SP-009-0-WR021-...
9	Self-sealing coupling (female)	BSPP 1/2"	II				27	17	28	71		200	SP-009-0-WR521-...
9	Thru-type adaptor (male)	13 mm	XI					30	15	55	23.5	37	SP-009-1-SL013-..
9	Thru-type adaptor (male)	BSPP 3/8"	I				19	12	21.9	41.5	23.5	40	SP-009-1-WR017-..
9	Thru-type adaptor (male)	BSPP 1/2"	I				22	15	24	46.5	23.5	60	SP-009-1-WR021-..
9	Thru-type adaptor (male)	BSPP 1/2"	II				27	17	30	45	23.5	75	SP-009-1-WR521-..
9	Self-sealing adaptor (male)	13 mm	XI				25	30	28	84.5	23.5	130	SP-009-2-SL013-... -Z02
9	Self-sealing adaptor (male)	BSPP 3/8"	I				25	12	28	69.5	23.5	120	SP-009-2-WR017-...-Z02
9	Self-sealing adaptor (male)	BSPP 1/2"	I				25	15	28	69.5	23.5	130	SP-009-2-WR021-...-Z02
9	Self-sealing adaptor (male)	BSPP 1/2"	II				27	17	28	69.5	23.5	140	SP-009-2-WR521-...-Z02

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]