

Series CP

Technical information

Nominal bore [mm]	Cv value		Q [L/min] water 20 °C, $\Delta p = 1 \text{ bar} / 15 \text{ psi}$		Q [m³/h] air 6 bar abs / 87 psia, 20 °C, $\Delta p = 1 \text{ bar} / 15 \text{ psi}$		p max. permissible static [bar / psi]
	EA	BA	EA	BA	EA	BA	Stainless steel
							coupled
6		1.00		14.28		50.61	250 / 3,625
9		3.20		45.70		161.94	250 / 3,625
12		4.50		64.26		227.73	250 / 3,625
16		8.20		117.10		414.98	250 / 3,625

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.

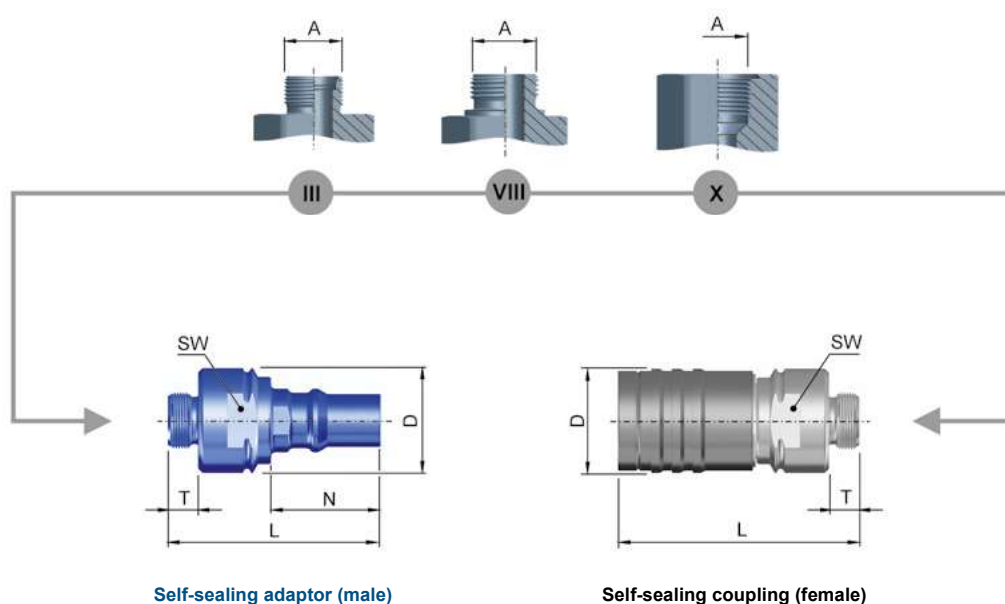
The maximum permissible operating pressures specified here (p max. permissible static) for the quick coupling systems apply exclusively to the materials stated by us and operation with Group II media according to Directive 2014/68/EU. The use of optional materials, other media (especially media from 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-PRAZISION.

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-PRAZISION directly.

◀◀◀ To view the performance diagram
please click here.

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



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Product design features

Intended use: Medium pressure clean break quick coupling system for the transmission of fluid or gaseous media in an industrial / commercial environment, especially for the chemical industry.

Properties	Materials	Seals	Additional options
- Low leakage volume during disconnection - Non-squirting - Minimal air inclusion when connecting - Automatic locking (one-hand operation) - Connecting against residual pressure possible	01 = Stainless steel 1.4307	2 = FKM Optional FFKM	BB = 3.1 production EF = 1935/2004-compliant EX = ATEX-compliant FD = FDA-compliant FF = Oil- and grease-free FL = free from paint wetting impairment substances ST = Safety lock TA = in line with TA-Luft Z12 = Dirt-proof locking sleeve

Recommendation: To protect the sealing faces, the self-sealing adaptors should be firmly mounted and the self-sealing couplings should be used as loose parts.

Suitable protection elements can be found in this catalogue from p. 180.

Order number configuration
CP-006-0-S1018-Material-Seal-Additional options-Y../-Z..

Product chart



NB	Product type	A	Design	Range	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Stainless steel	Material-neutral part number
6	Self-sealing coupling (female)	M 18 x 1.5	III	S	10	4	32	12	35.5	86.5		380	CP-006-0-S1018-...-
6	Self-sealing coupling (female)	BSPP 3/8"	VIII				32	12	35.5	87.5		390	CP-006-0-WB017-...-
6	Self-sealing coupling (female)	BSPP 3/8"	X				32	14	35.5	94		435	CP-006-0-WX517-...-
6	Self-sealing adaptor (male)	M 18 x 1.5	III	S	10	4	32	12	35.5	76	37.6	230	CP-006-2-S1018-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	VIII				32	12	35.5	78.5	37.6	235	CP-006-2-WB017-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	X				32	14	35.5	84	37.6	285	CP-006-2-WX517-...-

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

NB	Product type	A	De- sign	Ran- ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Stainless steel	Material-neutral part number
9	Self-sealing coupling (female)	M 22 x 1.5	III	S	14	10	36	14	42	101.5		610	CP-009-0-S1422-...-
9	Self-sealing coupling (female)	BSPP 1/2"	VIII				36	14	42	104.5		625	CP-009-0-WB021-...-
9	Self-sealing coupling (female)	BSPP 1/2"	X				36	16.5	42	111		705	CP-009-0-WX521-...-
9	Self-sealing adaptor (male)	M 22 x 1.5	III	S	14	10	36	14	42	90.5	45	370	CP-009-2-S1422-...-
9	Self-sealing adaptor (male)	BSPP 1/2"	VIII				36	14	42	93.5	45	380	CP-009-2-WB021-...-
9	Self-sealing adaptor (male)	BSPP 1/2"	X				36	16.5	42	100	45	460	CP-009-2-WX521-...-
12	Self-sealing coupling (female)	M 24 x 1.5	III	S	16	12	41	14	48	112		885	CP-012-0-S1624-...-
12	Self-sealing coupling (female)	BSPP 1/2"	VIII				41	14	48	115		890	CP-012-0-WB021-...-
12	Self-sealing coupling (female)	BSPP 1/2"	X				41	16.5	48	120.5		970	CP-012-0-WX521-...-
12	Self-sealing adaptor (male)	M 24 x 1.5	III	S	16	12	41	14	48	98.5	50.5	510	CP-012-2-S1624-...-
12	Self-sealing adaptor (male)	BSPP 1/2"	VIII				41	14	48	101.5	50.5	515	CP-012-2-WB021-...-
12	Self-sealing adaptor (male)	BSPP 1/2"	X				41	16.5	48	107	50.5	595	CP-012-2-WX521-...-
16	Self-sealing coupling (female)	M 30 x 2	III	S	20	16	55	16	63	136		1,980	CP-016-0-S2030-...-
16	Self-sealing coupling (female)	BSPP 3/4"	VIII				55	16	63	139		2,000	CP-016-0-WB026-...-
16	Self-sealing coupling (female)	BSPP 3/4"	X				55	18.5	63	145		2,220	CP-016-0-WX526-...-
16	Self-sealing adaptor (male)	M 30 x 2	III	S	20	16	55	16	63	114.5	57.5	1,010	CP-016-2-S2030-...-
16	Self-sealing adaptor (male)	BSPP 3/4"	VIII				55	16	63	117.5	57.5	1,020	CP-016-2-WB026-...-
16	Self sealing adaptor (male)	BSPP 3/4"	X				55	18.5	63	123.5	57.5	1235	CP-016-2-WX526-...-

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]