

Series SG

Technical information

Nominal bore [mm]	Cv value		Q [L/min] water 20 °C, Δp = 1 bar / 15 psi		Q [m³/h] air 6 bars / 87 psia, 20 °C, Δp = 1 bar / 15 psi		p max. permissible static [bar / psi]
	EA	BA	EA	BA	EA	BA	Steel
							coupled
6	1,00	0,73	14,28	10,43	50,61	36,94	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.

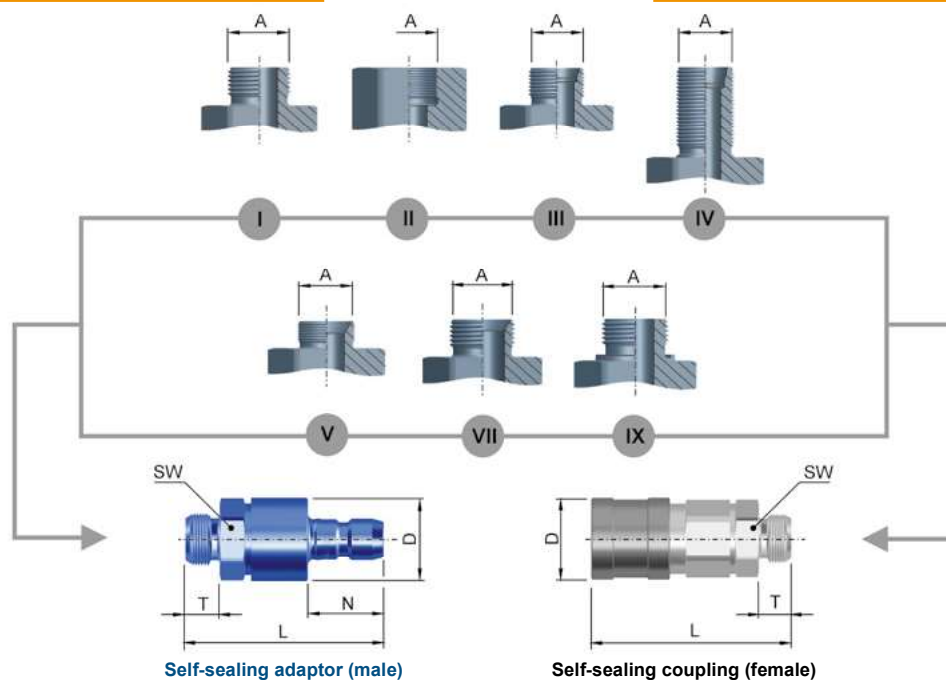
The maximum permissible operating pressures specified here (p max. permissible static) for the quick coupling systems apply exclusively to the materials stated by us and operation with Group II media according to Directive 2014/68/EU. The use of optional materials, other media (especially media from 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: Slimline medium 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
Outside diameter of NB 6: 22 mm	19 = Steel zinc plated, partially oil burnished Through type adaptor 12 = Oil-burnished steel Optional 13 = Steel chemically nickel plated	1 = NBR 2 = FKM 4 = EPDM	OV = Without valve

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

Order number configuration

SG-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 14 x 1.5	V			6	19	10	22	57		90	SG-006-0-D0614-...-
6	Self-sealing coupling (female)	M 12 x 1.5	III	L	6	4	19	10	22	57		85	SG-006-0-L0612-...-
6	Self-sealing coupling (female)	M14 x 1.5	III	L	8	6	19	10	22	57		85	SG-006-0-L0814-...-
6	Self-sealing coupling (female)	M 16 x 1.5	III	L	10	8	19	11	22	58		90	SG-006-0-L1016-...-
6	Self-sealing coupling (female)	M 18 x 1.5	III	L	12	10	19	11	22	58		90	SG-006-0-L1218-...-
6	Self-sealing coupling (female)	M 14 x 1.5	IV	L	8	6	19	32	22	79		110	SG-006-0-LV008-...-
6	Self-sealing coupling (female)	M 16 x 1.5	III	S	8	4	19	12	22	59		90	SG-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]

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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 18 x 1.5	III	S	10	6	19	12	22	59		95	SG-006-0-S1018-...-
6	Self-sealing coupling (female)	M 20 x 1.5	III	S	12	8	22	12	22	59		100	SG-006-0-S1220-...-
6	Self-sealing coupling (female)	BSPP 1/4"	VII			6	19	11	22	58		90	SG-006-0-VR013-...-
6	Self-sealing coupling (female)	BSPP 3/8"	VII			6	19	12	22	59		95	SG-006-0-VR017-...-
6	Self-sealing coupling (female)	BSPP 3/8"	IX				27	12	22	64		130	SG-006-0-WE017-...-
6	Self-sealing coupling (female)	BSPP 1/4"	I				19	11	22	58		90	SG-006-0-WR013-...-
6	Self-sealing coupling (female)	BSPP 3/8"	I				19	12	22	59		95	SG-006-0-WR017-...-
6	Self-sealing coupling (female)	BSPP 1/2"	I				22	15	22	62		120	SG-006-0-WR021-...-
6	Self-sealing coupling (female)	BSPP 1/4"	II				19	13	22	57		95	SG-006-0-WR513-...-
6	Self-sealing coupling (female)	BSPP 3/8"	II				22	14	22	58		100	SG-006-0-WR517-...-
6	Self-sealing coupling (female)	M 16 x 1.5	IV	L	10	8	19	32	22	79		120	SG-006-0-XX211-...-
6	Thru-type adaptor (male)	BSPP 1/8 "	I			4	14	8	15.5	34	20	23	SG-006-1-WR010-..
6	Thru-type adaptor (male)	BSPP 1/4 "	I				14	11	19.6	37	20	26	SG-006-1-WR013-..
6	Thru-type adaptor (male)	BSPP 3/8 "	I				19	12	21.9	38	20	37	SG-006-1-WR017-..
6	Thru-type adaptor (male)	BSPP 1/4"	II				17	13	19.6	36	20	26	SG-006-1-WR513-..
6	Thru-type adaptor (male)	BSPP 3/8"	II				22	14	24	37	20	40	SG-006-1-WR517-..
6	Self-sealing adaptor (male)	M 14 x 1.5	V			6	19	10	22	55	20	70	SG-006-2-D0614-...-
6	Self-sealing adaptor (male)	M 12 x 1.5	III	L	6	4	19	10	22	55	20	70	SG-006-2-L0612-...-
6	Self-sealing adaptor (male)	M 14 x 1.5	III	L	8	6	19	10	22	55	20	70	SG-006-2-L0814-...-
6	Self-sealing adaptor (male)	M 16 x 1.6	III	L	10	8	19	11	22	56	20	75	SG-006-2-L1016-...-
6	Self-sealing adaptor (male)	M 18 x 1.5	III	L	12	10	19	11	22	56	20	75	SG-006-2-L1218-...-
6	Self-sealing adaptor (male)	M 14 x 1.5	IV	L	8	6	19	32	22	77	20	90	SG-006-2-LV008-...-

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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 16 x 1.5	III	S	8	4	19	12	22	57	20	75	SG-006-2-S0816-...-
6	Self-sealing adaptor (male)	M 18 x 1.5	III	S	10	6	19	12	22	57	20	80	SG-006-2-S1018-...-
6	Self-sealing adaptor (male)	M 20 x 1.5	III	S	12	8	22	12	22	57	20	85	SG-006-2-S1220-...-
6	Self-sealing adaptor (male)	BSPP 1/4"	VII			6	19	11	22	56	20	70	SG-006-2-VR013-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	VII			6	19	12	22	57	20	75	SG-006-2-VR017-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	IX				27	12	22	62	20	110	SG-006-2-WE017-...-
6	Self-sealing adaptor (male)	BSPP 1/4"	I				19	11	22	56	20	70	SG-006-2-WR013-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	I				19	12	22	57	20	75	SG-006-2-WR017-...-
6	Self-sealing adaptor (male)	BSPP 1/2"	I				22	15	22	60	20	100	SG-006-2-WR021-...-
6	Self-sealing adaptor (male)	BSPP 1/4"	II				19	13	22	55	20	75	SG-006-2-WR513-...-
6	Self-sealing adaptor (male)	BSPP 3/8"	II				22	14	22	56	20	80	SG-006-2-WR517-...-
6	Self-sealing adaptor (male)	M 16 x 1.5	IV	L	10	8	19	32	22	77	20	100	SG-006-2-XX211-...-

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]