Series MD

PREFERRED CHOICE

Technical chart | Quick coupling systems

Nominal bore [mm]	Cv value		Q [L/min] water 20 °C, Δp = 1 bar		Q [m³/h] air 6 bar, 20 °C, Δp = 1 bar		p max. permissible static [bar / psi]		
	EA	BA	EA	BA	EA	BA	Steel coupled	Brass coupled	Stainless steel coupled
6		0.73		10.43		36.94	200 / 2,900	40 / 580	100 / 1,450
7		1.07		15.28		54.15	250 / 3,625	40 / 580	100 / 1,450
12		3.25		46.41		164.47	250 / 3,625	40 / 580	100 / 1,450
19		8.20		117.10		414.98	250 / 3,625	40 / 580	50 / 725
25		13.50		192.79		683.19	220 / 3,190	40 / 580	50 / 725
32	29.40	23.80	419.86	339.89	1,487.84	1,204.44	200 / 2,900	40 / 580	40 / 580
50	68.00	59.00	971.11	842.58	3,441.26	2,985.80	100 / 1,450	30 / 435	30 / 435

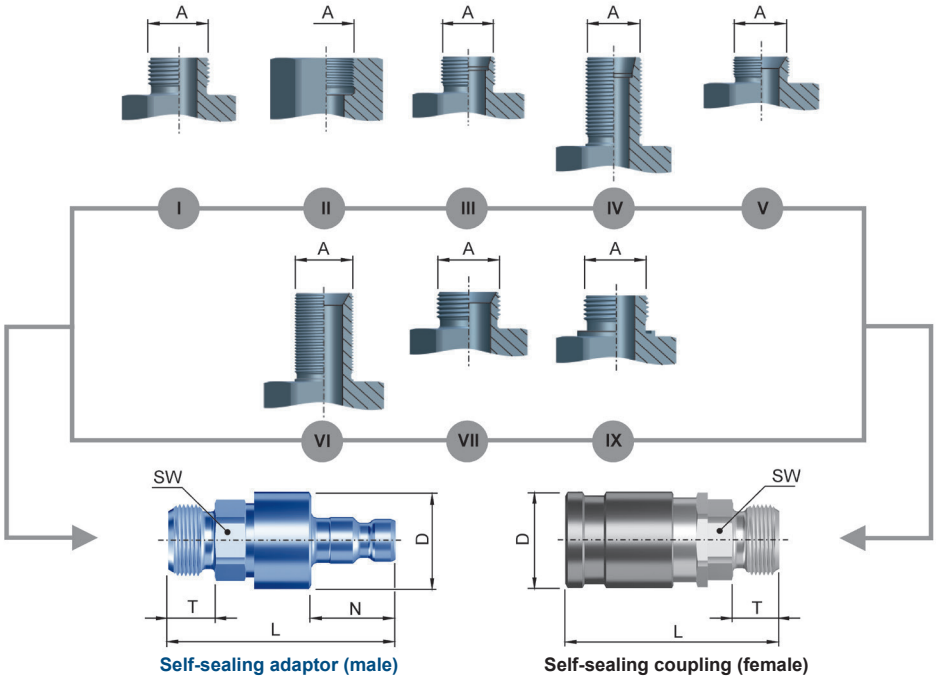
One side self-sealing (EA). Both sides self-sealing (BA). The pressure values are applicable at a temperature of 20°C. Please inquire about other temperature ranges.

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. ►►►



Self-sealing adaptor (male) **Self-sealing coupling (female)**

PREFERRED CHOICE

Series MD

Features chart | Quick coupling systems

	Product features	Materials	Seals	Additional options
Standard	- Robust medium pressure coupling among others for hydraulics, gases, etc.	01 = Stainless steel 1.4404/1.4571 or similar 19 = Steel zinc plated, partially oil burnished 21 = Brass passivated **Thru-type adaptor** 12 = Steel oil burnished	1 = NBR 2 = FKM 4 = EPDM	BB = 3.1 production EF = 1935/2004-compliant EX = ATEX-compliant FD = FDA-compliant FF = Oil- and grease-free FL = Free from enamel flow-disturbing substances GG = With ring grips (aluminium cast): MD-019 = Ø 130 mm, MD-025/032 = Ø 190 mm, MD-050 = Ø 220 mm GL = Smooth design GX = Smooth design with width flat end connection OV = Without valve SI = Additional axial safety locking device TA = Certified by the Clean Air Act (TA-Luft)
Optional		13 = Steel chemically nickel plated 22 = Brass chrome plated 24 = Brass chemically nickel plated **MD-032 / 050** 31 = Aluminium silver anodized		

MD-006: SI – Outside diameter 29 mm
MD-007: SI – Outside diameter 34 mm
MD-050: SI – Outside diameter 116 mm
MD-012: SI – Outside diameter 44 mm
MD-019: SI – Outside diameter 58 mm
MD-025: SI – Outside diameter 58 mm
MD-032: SI – Outside diameter 89 mm

Attention: GG and SI cannot be combined = Special version - please enquire
Attention: Self-sealing coupling + OV ≙ Product type Thru-type coupling; Self-sealing adaptor + OV ≙ Product type Thru-type adaptor

For example, a complete part number looks like this:

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

Product chart | Quick coupling systems

Self-sealing adaptor / thru-type adaptor marked in blue

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	25	57		110	MD-006-0-D0614-..-.
6	Self-sealing coupling (female)	M 12 x 1.5	III	L	6	4	19	10	25	57		110	MD-006-0-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 MD

PREFERRED CHOICE

Product chart | Quick coupling systems

Self-sealing adaptor / thru-type adaptor marked in blue

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	III	L	8	6	19	10	25	57		110	MD-006-0-L0814-..-.
6	Self-sealing coupling (female)	M 16 x 1.5	III	L	10	8	19	11	25	58		110	MD-006-0-L1016-..-.
6	Self-sealing coupling (female)	M 18 x 1.5	III	L	12	10	19	11	25	58		110	MD-006-0-L1218-..-.
6	Self-sealing coupling (female)	M 14 x 1.5	IV	L	8	6	19	32	25	79		130	MD-006-0-LV008-..-.
6	Self-sealing coupling (female)	M 16 x 1.5	III	S	8	4	19	12	25	59		120	MD-006-0-S0816-..-.
6	Self-sealing coupling (female)	M 18 x 1.5	III	S	10	6	19	12	25	59		120	MD-006-0-S1018-..-.
6	Self-sealing coupling (female)	M 20 x 1.5	III	S	12	8	22	12	25	59		130	MD-006-0-S1220-..-.
6	Self-sealing coupling (female)	BSPP 1/4"	VII			6	19	11	25	58		110	MD-006-0-VR013-..-.
6	Self-sealing coupling (female)	BSPP 3/8"	VII			6	19	12	25	59		120	MD-006-0-VR017-..-.
6	Self-sealing coupling (female)	BSPP 3/8"	IX				27	12	25	64		157	MD-006-0-WE017-..-.
6	Self-sealing coupling (female)	BSPP 1/4"	I				19	11	25	58		110	MD-006-0-WR013-..-.
6	Self-sealing coupling (female)	BSPP 3/8"	I				19	12	25	59		120	MD-006-0-WR017-..-.
6	Self-sealing coupling (female)	BSPP 1/2"	I				22	15	25	62		140	MD-006-0-WR021-..-.
6	Self-sealing coupling (female)	BSPP 1/4"	II				19	13	25	57		120	MD-006-0-WR513-..-.
6	Self-sealing coupling (female)	BSPP 3/8"	II				22	14	25	58		130	MD-006-0-WR517-..-.
6	Self-sealing coupling (female)	M 16 x 1.5	IV	L	10	8	19	32	25	79		140	MD-006-0-XX211-..-.
6	Self-sealing adaptor (male)	M 14 x 1.5	V			6	19	10	25	56.5	21.7	85	MD-006-2-D0614-..-.
6	Self-sealing adaptor (male)	M 12 x 1.5	III	L	6	4	19	10	25	56.5	21.7	85	MD-006-2-L0612-..-.
6	Self-sealing adaptor (male)	M 14 x 1.5	III	L	8	6	19	10	25	56.5	21.7	85	MD-006-2-L0814-..-.
6	Self-sealing adaptor (male)	M 16 x 1.5	III	L	10	8	19	11	25	57.5	21.7	85	MD-006-2-L1016-..-.
6	Self sealing adaptor (male)	M 18 x 1.5	III	L	12	10	19	11	25	57.5	21.7	85	MD-006-2-L1218-..-.
6	Self sealing adaptor (male)	M 14 x 1.5	IV	L	8	6	19	32	25	78.5	21.7	100	MD-006-2-LV008-..-.
6	Self-sealing adaptor (male)	M 16 x 1.5	III	S	8	4	19	12	25	58.5	21.7	90	MD-006-2-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]

PREFERRED CHOICE

Series MD

Product chart | Quick coupling systems

Self-sealing adaptor / thru-type adaptor marked in blue

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 18 x 1.5	III	S	10	6	19	12	25	58.5	21.7	90	MD-006-2-S1018-..-.
6	Self-sealing adaptor (male)	M 20 x 1.5	III	S	12	8	22	12	25	58.5	21.7	100	MD-006-2-S1220-..-.
6	Self-sealing adaptor (male)	BSPP 1/4"	VII			6	19	11	25	57.5	21.7	85	MD-006-2-VR013-..-.
6	Self-sealing adaptor (male)	BSPP 3/8"	VII			6	19	12	25	58.5	21.7	95	MD-006-2-VR017-..-.
6	Self-sealing adaptor (male)	BSPP 3/8"	IX				27	12	25	63	21.7	127	MD-006-2-WE017-..-.
6	Self-sealing adaptor (male)	BSPP 1/4"	I				19	11	25	57.5	21.7	85	MD-006-2-WR013-..-.
6	Self-sealing adaptor (male)	BSPP 3/8"	I				19	12	25	58.5	21.7	90	MD-006-2-WR017-..-.
6	Self-sealing adaptor (male)	BSPP 1/2"	I				22	15	25	61.5	21.7	110	MD-006-2-WR021-..-.
6	Self-sealing adaptor (male)	BSPP 1/4"	II				19	13	25	56.5	21.7	90	MD-006-2-WR513-..-.
6	Self-sealing adaptor (male)	BSPP 3/8"	II				22	14	25	57.5	21.7	95	MD-006-2-WR517-..-.
6	Self-sealing adaptor (male)	M 16 x 1.5	IV	L	10	8	19	32	25	78.5	21.7	110	MD-006-2-XX211-..-.
7	Self-sealing coupling (female)	M 16 x 1.5	V			8	24	11	30	67		200	MD-007-0-D0816-..-.
7	Self-sealing coupling (female)	M 16 x 1.5	VI			8	24	33.5	30	89.5		220	MD-007-0-DV010-..-.
7	Self-sealing coupling (female)	M 16 x 1.5	III	L	10	8	24	11	30	67		190	MD-007-0-L1016-..-.
7	Self-sealing coupling (female)	M 18 x 1.5	III	L	12	10	24	11	30	67		190	MD-007-0-L1218-..-.
7	Self-sealing coupling (female)	M 18 x 1.5	III	S	10	6	24	11	30	68		200	MD-007-0-S1018-..-.
7	Self-sealing coupling (female)	M 20 x 1.5	III	S	12	8	24	12	30	68		200	MD-007-0-S1220-..-.
7	Self-sealing coupling (female)	BSPP 3/8"	VII			7	24	12	30	68		210	MD-007-0-VR017-..-.
7	Self-sealing coupling (female)	BSPP 3/8"	IX				27	12	30	71		220	MD-007-0-WE017-..-.
7	Self-sealing coupling (female)	BSPP 3/8"	I				24	12	30	68		200	MD-007-0-WR017-..-.
7	Self-sealing coupling (female)	BSPP 1/2"	I				24	15	30	71		220	MD-007-0-WR021-..-.
7	Self-sealing coupling (female)	BSPP 3/8"	II				24	14	30	68		210	MD-007-0-WR517-..-.

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 MD

PREFERRED CHOICE

Product chart | Quick coupling systems

Self-sealing adaptor / thru-type adaptor marked in blue

NB	Product type	A	De-sign	Ran-ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
7	Self-sealing coupling (female)	BSPP 1/2"	II				27	17	30	71		230	MD-007-0-WR521-..-.
7	Self-sealing adaptor (male)	M 16 x 1.5	V			8	24	11	30	66.5	25	140	MD-007-2-D0816-..-.
7	Self-sealing adaptor (male)	M 16 x 1.5	VI			8	24	33.5	30	88	25	170	MD-007-2-DV010-..-.
7	Self-sealing adaptor (male)	M 16 x 1.5	III	L	10	8	24	11	30	65.5	25	150	MD-007-2-L1016-..-.
7	Self-sealing adaptor (male)	M 18 x 1.5	III	L	12	10	24	11	30	65.5	25	150	MD-007-2-L1218-..-.
7	Self-sealing adaptor (male)	M 18 x 1.5	III	S	10	6	24	12	30	66.5	25	160	MD-007-2-S1018-..-.
7	Self-sealing adaptor (male)	M 20 x 1.5	III	S	12	8	24	12	30	66.5	25	160	MD-007-2-S1220-..-.
7	Self-sealing adaptor (male)	BSPP 3/8"	VII			7	24	12	30	66.5	25	150	MD-007-2-VR017-..-.
7	Self-sealing adaptor (male)	BSPP 3/8"	IX				27	12	30	68	25	170	MD-007-2-WE017-..-.
7	Self-sealing adaptor (male)	BSPP 3/8"	I				24	12	30	66.5	25	150	MD-007-2-WR017-..-.
7	Self-sealing adaptor (male)	BSPP 1/2"	I				24	15	30	69.5	25	170	MD-007-2-WR021-..-.
7	Self-sealing adaptor (male)	BSPP 3/8"	II				24	14	30	66.5	25	160	MD-007-2-WR517-..-.
7	Self-sealing adaptor (male)	BSPP 1/2"	II				27	15	30	69.5	25	180	MD-007-2-WR521-..-.
12	Self-sealing coupling (female)	M 18 x 1.5	V			10	32	11	40	78		380	MD-012-0-D1018-..-.
12	Self-sealing coupling (female)	M 22 x 1.5	V			12	32	12	40	79		390	MD-012-0-D1222-..-.
12	Self-sealing coupling (female)	M 22 x 1.5	VI			13	32	39	40	106		440	MD-012-0-DV015-..-.
12	Self-sealing coupling (female)	M 18 x 1.5	III	L	12	10	32	11	40	78		380	MD-012-0-L1218-..-.
12	Self-sealing coupling (female)	M 22 x 1.5	III	L	15	12	32	12	40	79		390	MD-012-0-L1522-..-.
12	Self-sealing coupling (female)	M 24 x 1.5	III	S	16	12	32	14	40	81		400	MD-012-0-S1624-..-.
12	Self-sealing coupling (female)	BSPP 1/2"	VII			12	32	15	40	82		390	MD-012-0-VR021-..-.
12	Self-sealing coupling (female)	BSPP 3/4"	VII			12	32	17	40	84		410	MD-012-0-VR026-..-.
12	Self-sealing coupling (female)	BSPP 1/2"	IX				32	14	40	84		400	MD-012-0-WE021-..-.

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]

PREFERRED CHOICE

Series MD

Product chart | Quick coupling systems

Self-sealing adaptor / thru-type adaptor marked in blue

NB	Product type	A	De-sign	Ran-ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
12	Self-sealing coupling (female)	BSPP 1/2"	I				32	15	40	82		390	MD-012-0-WR021-..-.
12	Self-sealing coupling (female)	BSPP 3/4"	I				32	17	40	84		420	MD-012-0-WR026-..-.
12	Self-sealing coupling (female)	BSPP 1"	I				36	20	40	88		480	MD-012-0-WR033-..-.
12	Self-sealing coupling (female)	BSPP 1/2"	II				32	17	40	81		430	MD-012-0-WR521-..-.
12	Self-sealing coupling (female)	BSPP 3/4"	II				32	19	40	83		410	MD-012-0-WR526-..-.
12	Self-sealing adaptor (male)	M 18 x 1.5	V			10	32	11	40	78	31.5	290	MD-012-2-D1018-..-.
12	Self-sealing adaptor (male)	M 22 x 1.5	V			12	32	12	40	79	31.5	300	MD-012-2-D1222-..-.
12	Self-sealing adaptor (male)	M 22 x 1.5	IX			13	32	39	40	106	31.5	350	MD-012-2-DV015-..-.
12	Self-sealing adaptor (male)	M 18 x 1.5	III	L	12	10	32	11	40	78	31.5	290	MD-012-2-L1218-..-.
12	Self-sealing adaptor (male)	M 22 x 1.5	III	L	15	12	32	12	40	79	31.5	300	MD-012-2-L1522-..-.
12	Self-sealing adaptor (male)	M 24 x 1.5	III	S	16	12	32	14	40	81	31.5	310	MD-012-2-S1624-..-.
12	Self-sealing adaptor (male)	BSPP 1/2"	VII			12	32	15	40	82	31.5	300	MD-012-2-VR021-..-.
12	Self-sealing adaptor (male)	BSPP 3/4"	VI			12	32	17	40	84	31.5	320	MD-012-2-VR026-..-.
12	Self-sealing adaptor (male)	BSPP 1/2"	IX				32	14	40	84	31.5	310	MD-012-2-WE021-..-.
12	Self-sealing adaptor (male)	BSPP 1/2"	I				32	15	40	82	31.5	300	MD-012-2-WR021-..-.
12	Self-sealing adaptor (male)	BSPP 3/4"	I				32	17	40	84	31.5	330	MD-012-2-WR026-..-.
12	Self-sealing adaptor (male)	BSPP 1"	I				36	20	40	88	31.5	390	MD-012-2-WR033-..-.
12	Self-sealing adaptor (male)	BSPP 1/2"	II				32	17	40	81	31.5	340	MD-012-2-WR521-..-.
12	Self-sealing adaptor (male)	BSPP 3/4"	II				32	19	40	83	31.5	320	MD-012-2-WR526-..-.
19	Self-sealing coupling (female)	M 26 x 1.5	V			15	46	12	54	95		830	MD-019-0-D1526-..-.
19	Self-sealing coupling (female)	M 30 x 1.5	V			19	46	14	54	97		830	MD-019-0-D1930-..-.
19	Self-sealing coupling (female)	M 30 x 1.5	VI			19	46	45	54	128		920	MD-019-0-DV022-..-.

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 MD

PREFERRED CHOICE

Product chart | Quick coupling systems

Self-sealing adaptor / thru-type adaptor marked in blue

NB	Product type	A	De-sign	Ran-ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
19	Self-sealing coupling (female)	M 26 x 1.5	III	L	18	16	46	12	54	95		830	MD-019-0-L1826-..-.
19	Self-sealing coupling (female)	M 30 x 2	III	L	22	20	46	14	54	97		830	MD-019-0-L2230-..-.
19	Self-sealing coupling (female)	M 30 x 2	III	S	20	16	46	16	54	99		850	MD-019-0-S2030-..-.
19	Self-sealing coupling (female)	M 36 x 2	III	S	25	20	46	18	54	101		870	MD-019-0-S2536-..-.
19	Self-sealing coupling (female)	BSPP 3/4"	VII			19	46	17	54	100		850	MD-019-0-VR026-..-.
19	Self-sealing coupling (female)	BSPP 1"	VII			19	46	20	54	103		880	MD-019-0-VR033-..-.
19	Self-sealing coupling (female)	BSPP 3/4"	IX				46	16	54	102		850	MD-019-0-WE026-..-.
19	Self-sealing coupling (female)	BSPP 3/4"	I				46	17	54	100		840	MD-019-0-WR026-..-.
19	Self-sealing coupling (female)	BSPP 1"	I				46	20	54	103		870	MD-019-0-WR033-..-.
19	Self-sealing coupling (female)	BSPP 3/4"	II				46	19	54	94		900	MD-019-0-WR526-..-.
19	Self-sealing coupling (female)	BSPP 1"	II				46	23	54	98		880	MD-019-0-WR533-..-.
19	Self-sealing adaptor (male)	M 26 x 1.5	V			15	46	12	54	94	35.5	700	MD-019-2-D1526-..-.
19	Self-sealing adaptor (male)	M 30 x 1.5	V			19	46	14	54	96	35.5	700	MD-019-2-D1930-..-.
19	Self-sealing adaptor (male)	M 30 x 1.5	VI			19	46	45	54	127	35.5	790	MD-019-2-DV022-..-.
19	Self-sealing adaptor (male)	M 26 x 1.5	III	L	18	16	46	12	54	94	35.5	700	MD-019-2-L1826-..-.
19	Self-sealing adaptor (male)	M 30 x 2	III	L	22	20	46	14	54	96	35.5	700	MD-019-2-L2230-..-.
19	Self-sealing adaptor (male)	M 30 x 2	III	S	20	16	46	16	54	98	35.5	720	MD-019-2-S2030-..-.
19	Self-sealing adaptor (male)	M 36 x 2	III	S	25	20	46	18	54	100	35.5	740	MD-019-2-S2536-..-.
19	Self-sealing adaptor (male)	BSPP 3/4"	VII			19	46	17	54	99	35.5	710	MD-019-2-VR026-..-.
19	Self-sealing adaptor (male)	BSPP 1"	VII			19	46	20	54	102	35.5	740	MD-019-2-VR033-..-.
19	Self-sealing adaptor (male)	BSPP 3/4"	IX				46	16	54	101	35.5	720	MD-019-2-WE026-..-.
19	Self-sealing adaptor (male)	BSPP 3/4"	I				46	17	54	99	35.5	710	MD-019-2-WR026-..-.
19	Self-sealing adaptor (male)	BSPP 1"	I				46	20	54	102	35.5	740	MD-019-2-WR033-..-.

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]

Product chart | Quick coupling systems

Self-sealing adaptor / thru-type adaptor marked in blue

NB	Product type	A	De-sign	Ran-ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
19	Self-sealing adaptor (male)	BSPP 3/4"	II				46	19	54	93	35.5	770	MD-019-2-WR526-..-.
19	Self-sealing adaptor (male)	BSPP 1"	II				46	23	54	97	35.5	750	MD-019-2-WR533-..-.
25	Self-sealing coupling (female)	M 38 x 1.5	V			25	55	14	62	124		1,650	MD-025-0-D2538-..-.
25	Self-sealing coupling (female)	M 42 x 2	III	S	30	25	55	20	62	130		1,610	MD-025-0-S3042-..-.
25	Self-sealing coupling (female)	BSPP 1 1/2"	I				55	22	62	132		1,710	MD-025-0-WR048-..-.
25	Self-sealing coupling (female)	BSPP 1 1/2"	II				55	25	62	138.5		1,740	MD-025-0-WR548-..-.
25	Self-sealing adaptor (male)	M 38 x 1.5	V				55	14	62	125	45	1,310	MD-025-2-D2538-..-.
25	Self-sealing adaptor (male)	M 42 x 2	III	S	30	25	55	20	62	131	45	1,280	MD-025-2-S3042-..-.
25	Self-sealing adaptor (male)	BSPP 1 1/2"	I				55	22	62	133	45	1,370	MD-025-2-WR048-..-.
25	Self-sealing adaptor (male)	BSPP 1 1/2"	II				55	25	62	139.5	45	1,400	MD-025-2-WR548-..-.
32	Self-sealing coupling (female)	M 45 x 1.5	V			32	75	16	82	128		2,880	MD-032-0-D3245-..-.
32	Self-sealing coupling (female)	M 52 x 2	III	S	38	32	75	22	82	134		2,940	MD-032-0-S3852-..-.
32	Self-sealing coupling (female)	BSPP 1 1/2 "	I				75	22	82	139		3,080	MD-032-0-WR048-..-.
32	Self-sealing coupling (female)	BSPP 2"	I				75	26	82	143		3,290	MD-032-0-WR060-..-.
32	Self-sealing coupling (female)	BSPP 1 1/2"	II				75	25	82	126		3,050	MD-032-0-WR548-..-.
32	Self-sealing coupling (female)	BSPP 2"	II				75	29	82	130		2,920	MD-032-0-WR560-..-.
32	Thru-type adaptor (male)	M 45 x 1.5	V			32	55	16	61.3	70.5	41	510	MD-032-1-D3245-..
32	Thru-type adaptor (male)	M 52 x 2	III	S	38	32	60	22	66.9	82	41	630	MD-032-1-S3852-..
32	Thru-type adaptor (male)	BSPP 1 1/2"	I				55	22	60	82	41	620	MD-032-1-WR048-..
32	Thru-type adaptor (male)	BSPP 2"	I				65	26	72.5	88	41	670	MD-032-1-WR060-..

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 MD

PREFERRED CHOICE

Product chart | Quick coupling systems

Self-sealing adaptor / thru-type adaptor marked in blue

NB	Product type	A	De-sign	Ran-ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
32	Thru-type adaptor (male)	BSPP 1 1/2"	II				60	25	66	75	41	700	MD-032-1-WR548-..
32	Thru-type adaptor (male)	BSPP 2"	II				70	27	78	77	41	820	MD-032-1-WR560-..
32	Self-sealing adaptor (male)	M 45 x 1.5	V			32	75	16	82	126.5	41	2,400	MD-032-2-D3245-..-.
32	Self-sealing adaptor (male)	M 52 x 2	III	S	38	32	75	22	82	132.5	41	2,460	MD-032-2-S3852-..-.
32	Self-sealing adaptor (male)	BSPP 1 1/2"	I				75	22	82	137.5	41	2,600	MD-032-2-WR048-..-.
32	Self-sealing adaptor (male)	BSPP 2"	I				75	26	82	141.5	41	2,810	MD-032-2-WR060-..-.
32	Self-sealing adaptor (male)	BSPP 1 1/2"	II				75	25	82	124.5	41	2,570	MD-032-2-WR548-..-.
32	Self-sealing adaptor (male)	BSPP 2"	II				75	29	82	128.5	41	2,440	MD-032-2-WR560-..-.
32	Thru-type coupling (female)	M 45 x 1.5"	V			32	70	16	82	103		2,140	MD-032-4-D3245-..-.
32	Thru-type coupling (female)	M 52 x 2"	III	S	38	32	70	22	82	109		2,200	MD-032-4-S3852-..-.
32	Thru-type coupling (female)	BSPP 1 1/2"	I				70	23	82	110		2,190	MD-032-4-WR048-..-.
32	Thru-type coupling (female)	BSPP 2"	I				70	26	82	113		2,390	MD-032-4-WR060-..-.
32	Thru-type coupling (female)	BSPP 1 1/2"	II				70	25	82	87		1,890	MD-032-4-WR548-..-.
32	Thru-type coupling (female)	BSPP 2"	II				70	27	82	87		1,700	MD-032-4-WR560-..-.
50	Self-sealing coupling (female)	M 65 x 2	V			49	100	18	112	159		5,460	MD-050-0-D4965-..-.
50	Self-sealing coupling (female)	M 52 x 2	III	L	42	36	100	16	112	158		5,410	MD-050-0-L4252-..-.
50	Self-sealing coupling (female)	BSPP 2"	I				100	26	112	162		5,530	MD-050-0-WR060-..-.
50	Self-sealing coupling (female)	BSPP 2 1/2"	I				100	30	112	164		5,540	MD-050-0-WR075-..-.
50	Self-sealing coupling (female)	BSPP 2"	II				100	29	112	158		6,140	MD-050-0-WR560-..-.
50	Self sealing coupling (female)	BSPP 2 1/2"	II				100	33	112	167		5,930	MD-050-0-WR575-..-.
50	Thru-type adaptor (male)	M 65 x 2	V			49	85	18	92	93	50	1,550	MD-050-1-D4965-..

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]

Product chart | Quick coupling systems

Self-sealing adaptor / thru-type adaptor marked in blue

NB	Product type	A	De-sign	Ran-ge	Pipe AD	Pipe ID	SW	T	D	L	N	Weight Steel	Material-neutral part number
50	Thru-type adaptor (male)	M 52 x 2	III	L	42	36	85	16	92	91	50	1,510	MD-050-1-L4252-..
50	Thru-type adaptor (male)	BSPP 2"	I				85	26	92	92	50	1,660	MD-050-1-WR060-..
50	Thru-type adaptor (male)	BSPP 2 1/2"	I				85	30	92	96	50	1,720	MD-050-1-WR075-..
50	Thru-type adaptor (male)	BSPP 2"	II				85	29	92	86	50	1,930	MD-050-1-WR560-..
50	Thru-type adaptor (male)	BSPP 2 1/2"	II				85	33	92	89	50	1,580	MD-050-1-WR575-..
50	Self-sealing adaptor (male)	M 65 x 2	V			49	100	18	112	159	50	4,940	MD-050-2-D4965-..-.
50	Self-sealing adaptor (male)	M 52 x 2	III	L	42	36	100	16	112	158	50	4,890	MD-050-2-L4252-..-.
50	Self-sealing adaptor (male)	BSPP 2"	I				100	26	112	162	50	5,010	MD-050-2-WR060-..-.
50	Self-sealing adaptor (male)	BSPP 2 1/2"	I				100	30	112	164	50	5,020	MD-050-2-WR075-..-.
50	Self-sealing adaptor (male)	BSPP 2"	II				100	29	112	158	50	5,620	MD-050-2-WR560-..-.
50	Self-sealing adaptor (male)	BSPP 2 1/2"	II				100	33	112	167	50	5,410	MD-050-2-WR575-..-.
50	Thru-type coupling (female)	M 65 x 2	V			49	100	18	112	125.5		3,980	MD-050-4-D4965-..-.
50	Thru-type coupling (female)	M 52 x 2	III	L	42	36	100	16	112	122		3,920	MD-050-4-L4252-..-.
50	Thru-type coupling (female)	BSPP 2"	I				100	26	112	132.5		4,090	MD-050-4-WR060-..-.
50	Thru-type coupling (female)	BSPP 2 1/2"	I				100	30	112	137.5		4,340	MD-050-4-WR075-..-.
50	Thru-type coupling (female)	BSPP 2 1/2"	II				100	33	112	112		4,100	MD-050-4-WR575-..-.

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 SG

Technical chart | Quick coupling systems

Nominal bore [mm]	Cv value		Q [L/min] water 20 °C, Δp = 1 bar		Q [m³/h] air 6 bar, 20 °C, Δp = 1 bar		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

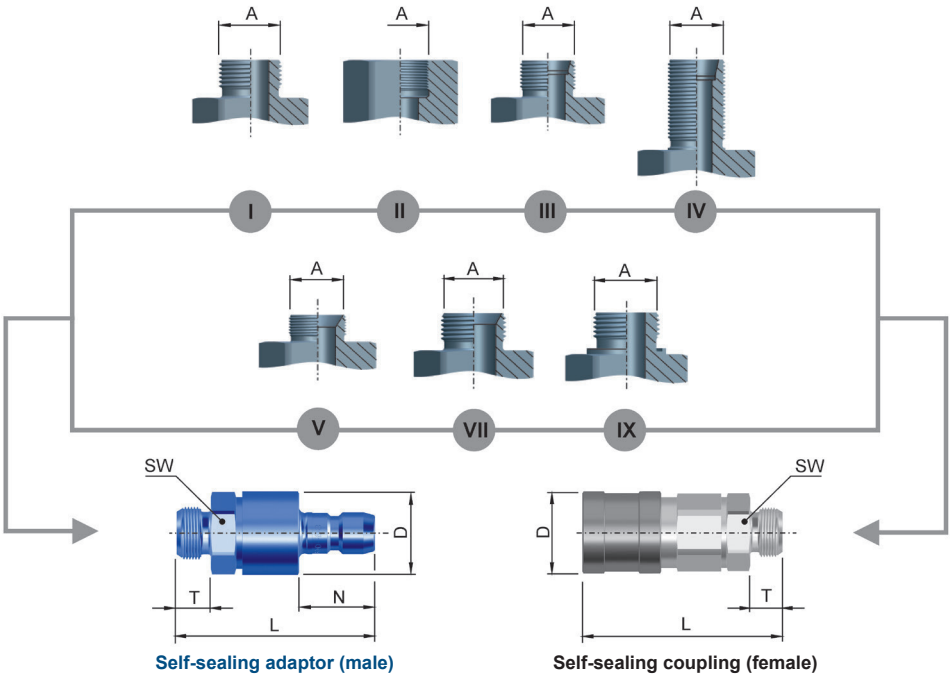
One side self-sealing (EA). Both sides self-sealing (BA). The pressure values are applicable at a temperature of 20°C. Please inquire about other temperature ranges.

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. ►►►



Self-sealing adaptor (male) **Self-sealing coupling (female)**

Features chart | Quick coupling systems

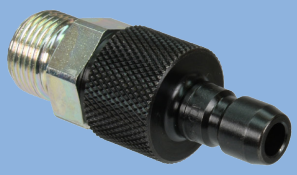
	Product features	Materials	Seals	Additional options
Standard	- Slender design (only Ø 22 mm)	12 = Steel oil burnished 19 = Steel zinc plated, partially oil burnished	1 = NBR 2 = FKM 4 = EPDM	OV = Without valve
Optional		13 = Steel chemically nickel plated		

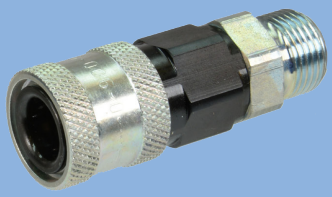
12 = Burnished steel only applies to Thru-type adaptor

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

For example, a complete part number looks like this:

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





Product chart | Quick coupling systems

Self-sealing adaptor / thru-type adaptor marked in blue

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]

Series SG

Product chart | Quick coupling systems

Self-sealing adaptor / thru-type adaptor marked in blue

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-..-.

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]