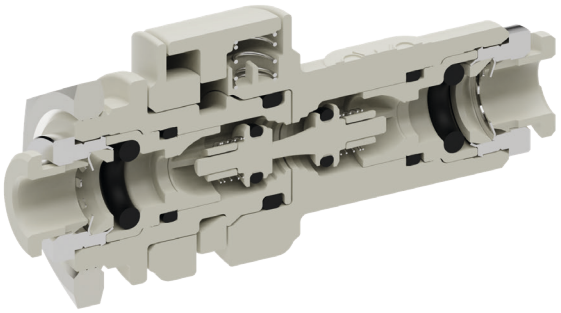
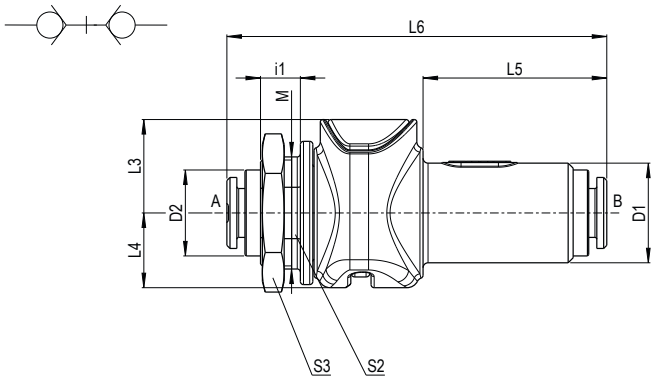


Parameters

Constructional design	Quick-release coupling with double-sided integrated non-return valve
Nominal diameter	DN 4
Connection sizes metric	Push-in: 6 | 8
Materials	Body: PPSU natural Seal material: FKM Sleeve: 1.4404 (AISI 316L) Button: PPSU natural Lock nut: Brass, electro nickel-plated Grip ring: 1.4310 (AISI 301) Release ring: PPSU natural Other internal parts: PPSU natural; 1.4310 (AISI 301)
PPSU note	PPSU should not be used in contact with aromatic hydrocarbons, oxidising acids, acetone, chlorinated hydrocarbons, ethers or ketones. Also, PPSU should not be placed directly in contact with anaerobic adhesives.
Media	Neutral gases and liquids which do not corrode the materials specified
Medium temperature	0 °C – 140 °C
Ambient temperature	0 °C – 60 °C
Pressure range	-0.95–12 bar
Price group	23
Special versions	Further variants on request

Bulkhead quick-release coupling, SVKR, PPSU natural





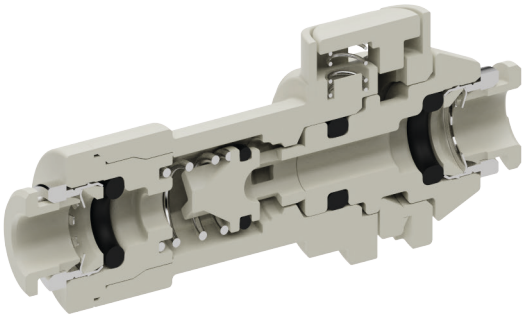
Dimensions

A	B	DN	Ø D1 mm	Ø D2 mm	L3 mm	L4 mm	L5 mm	L6 mm	i1 mm	M	S2 mm	S3 mm
6 mm	6 mm	4	16.0	13.8	15.0	12.0	29.5	61.0	5.0	M18x1	16.0	22.0
8 mm	8 mm	4	16.0	13.8	15.0	12.0	29.8	61.6	5.0	M18x1	16.0	22.0

Parameters

A	B	Kv value water	Leakage value during uncoupling	Operating pressure	Weight	PN	OP* at 20 °C	OP* at 100 °C	OP* at 140 °C	Button	Type	Order No.
6 mm	6 mm	0.34 m³/h	0.50 ml	-0.95–12 bar	29.2 g	12	12 bar	8 bar	4 bar	PPSU natural	SVKR-959-P340-6FF	359413
8 mm	8 mm	0.47 m³/h	0.50 ml	-0.95–12 bar	28.0 g	12	12 bar	8 bar	4 bar	PPSU natural	SVKR-959-P340-8FF	359417

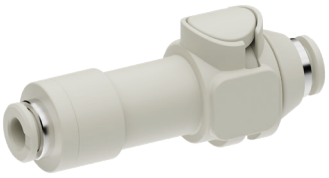
*OP = Maximum operating pressure at the specified medium temperature

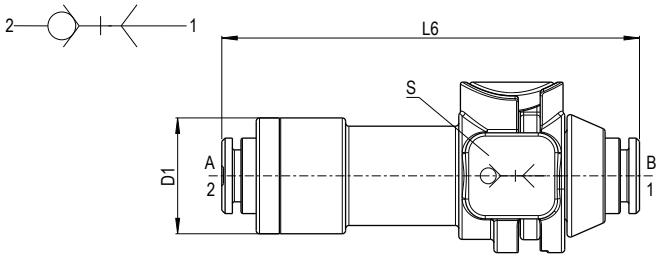


Parameters

Constructional design	Quick-release coupling with single-sided integrated non-return valve
Nominal diameter	DN 2.5 | DN 4
Connection sizes metric	Push-in: 4 | 6
Materials	Body: PPSU natural Seal material: FKM Sleeve: 1.4404 (AISI 316L) Button: PPSU natural Lock nut: Brass, electro nickel-plated Grip ring: 1.4310 (AISI 301) Release ring: PPSU natural Other internal parts: PPSU natural; 1.4310 (AISI 301)
PPSU note	PPSU should not be used in contact with aromatic hydrocarbons, oxidising acids, acetone, chlorinated hydrocarbons, ethers or ketones. Also, PPSU should not be placed directly in contact with anaerobic adhesives.
Media	Neutral gases and liquids which do not corrode the materials specified
Medium temperature	0 °C – 140 °C
Ambient temperature	0 °C – 60 °C
Pressure range	-0.95–12 bar
Price group	23
Special versions	Further variants on request

Quick-release coupling, SVK, PPSU natural





Dimensions

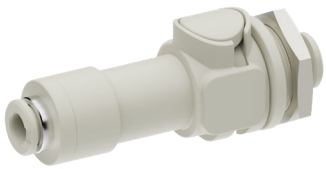
A	B	DN	Ø D1 mm	L6 mm	S mm
4 mm	4 mm	2.5	17.5	62.3	20.0
6 mm	6 mm	4	17.5	63.1	20.0

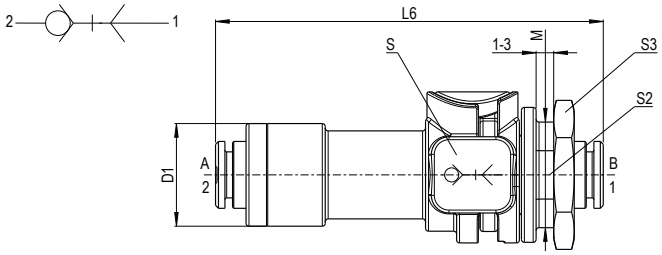
Parameters

A	B	Kv value water	Operating pressure	Weight	PN	OP* at 20 °C	OP* at 100 °C	OP* at 140 °C	Button	Type	Order No.
4 mm	4 mm	0.16 m³/h	-0.95–12 bar	18.4 g	12	12 bar	8 bar	4 bar	PPSU natural	SVK-958-P325-4FF	359320
6 mm	6 mm	0.35 m³/h	-0.95–12 bar	18.3 g	12	12 bar	8 bar	4 bar	PPSU natural	SVK-958-P340-6FF	359321

*OP = Maximum operating pressure at the specified medium temperature

Bulkhead quick-release coupling, SVK, PPSU natural





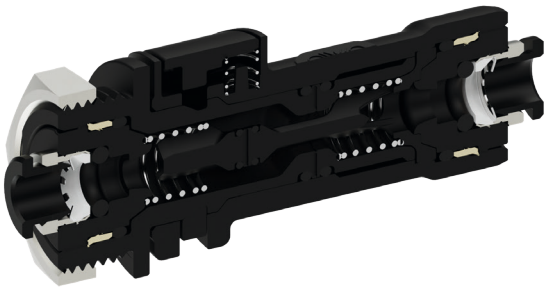
Dimensions

A	B	DN	Ø D1 mm	L6 mm	M	S mm	S2 mm	S3 mm
4 mm	4 mm	2.5	17.5	65.3	M18x1	20.0	16.0	22.0
6 mm	6 mm	4	17.5	66.3	M18x1	20.0	16.0	22.0

Parameters

A	B	Kv value water	Operating pressure	Weight	PN	OP* at 20 °C	OP* at 100 °C	OP* at 140 °C	Button	Type	Order No.
4 mm	4 mm	0.16 m³/h	-0.95–12 bar	25.5 g	12	12 bar	8 bar	4 bar	PPSU natural	SVK-959-P325-4FF	359322
6 mm	6 mm	0.35 m³/h	-0.95–12 bar	24.5 g	12	12 bar	8 bar	4 bar	PPSU natural	SVK-959-P340-6FF	359323

*OP = Maximum operating pressure at the specified medium temperature

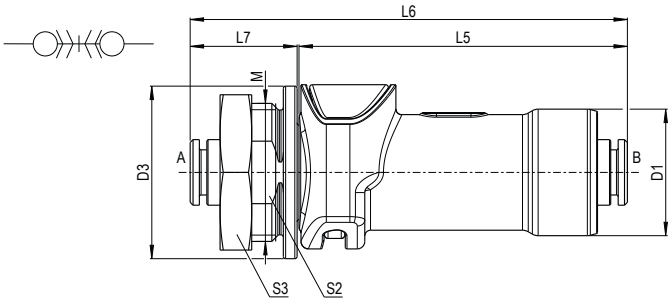


Parameters

Constructional design	Bulkhead quick-release coupling, minimum leakage and integrated non-return valve on both sides
Nominal diameter	DN 4
Connection sizes metric	Push-in: 6 | 8
Materials	Body: PK black Seal material: FKM Button: PK black Sleeve: Brass, electro nickel-plated Lock nut: Brass, electro nickel-plated Grip ring: 1.4310 (AISI 301) Release ring: POM black Other internal parts: PK black; 1.4310 (AISI 301)
Media	Neutral gases and liquids which do not corrode the materials specified
Medium temperature	0 °C – 95 °C
Ambient temperature	0 °C – 60 °C
Pressure range	-0.95–12 bar
Price group	23
Special versions	Further variants on request

Minimum leakage bulhead quick-release coupling, SVKL, PK black





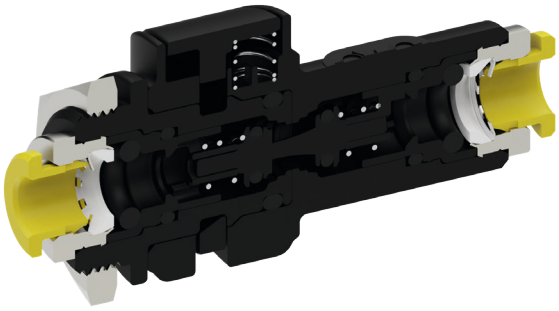
Dimensions

A	B	DN	Ø D1 mm	Ø D3 mm	L5 mm	L6 mm	L7 mm	M	S2 mm	S3 mm
6 mm	6 mm	4	22.0	30.0	57.1	76.0	18.6	M14x1,5	22.0	27.0
8 mm	8 mm	4	22.0	30.0	57.6	77.0	19.1	M14x1,5	22.0	27.0

Parameters

A	B	Kv value water	Leakage value during uncoupling	Operating pressure	Weight	PN	OP* at 20 °C	OP* at 60 °C	OP* at 95 °C	Button	Type	Order No.
6 mm	6 mm	0.41 m³/h	0.1 ml	-0.95–12 bar	45.8 g	12	12 bar	10 bar	8 bar	PK black	SVKL-959-PK40-6FF	359453
8 mm	8 mm	0.86 m³/h	0.1 ml	-0.95–12 bar	47.1 g	12	12 bar	10 bar	8 bar	PK black	SVKL-959-PK40-8FF	359450

*OP = Maximum operating pressure at the specified medium temperature

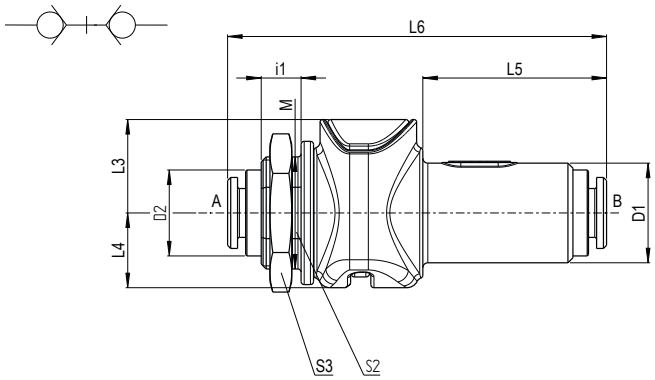


Parameters

Constructional design	Quick-release coupling with double-sided integrated non-return valve
Nominal diameter	DN 4
Connection sizes metric	Push-in: 6 | 8
Materials	Body: PK black Seal material: EPDM Button: PK black Sleeve: Brass, electro nickel-plated Lock nut: Brass, electro nickel-plated Grip ring: 1.4310 (AISI 301) Release ring: POM yellow Other internal parts: PK black; 1.4404 (AISI 316); 1.4310 (AISI 301)
Media	Neutral gases and liquids which do not corrode the materials specified
Medium temperature	-20 °C – 95 °C
Ambient temperature	-20 °C – 60 °C
Pressure range	-0.95–10 bar
Price group	23
Special versions	Further variants on request

Bulkhead quick-release coupling, SVKR, PK black





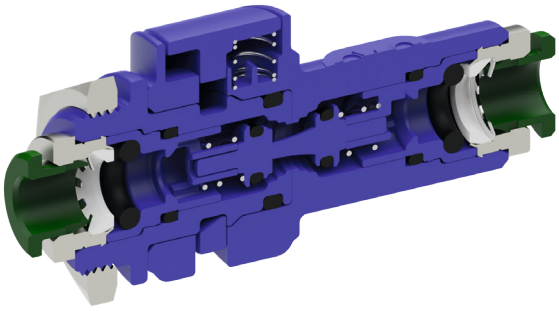
Dimensions

A	B	DN	Ø D1 mm	Ø D2 mm	L3 mm	L4 mm	L5 mm	L6 mm	i1 mm	M	S2 mm	S3 mm
6 mm	6 mm	4	16.0	13.8	15.0	12.0	29.5	60.9	5.0	M18x1	16.0	22.0
8 mm	8 mm	4	16.0	13.8	15.0	12.0	29.8	61.5	5.0	M18x1	16.0	22.0

Parameters

A	B	Kv value water	Leakage value during uncoupling	Operating pressure	Weight	PN	OP* at 20 °C	OP* at 95 °C	Button	Type	Order No.
6 mm	6 mm	0.35 m³/h	0.50 ml	-0.95–10 bar	30.0 g	10	10 bar	6 bar	PK black	SVKR-959-PK40-6PF	359425
8 mm	8 mm	0.47 m³/h	0.50 ml	-0.95–10 bar	28.9 g	10	10 bar	6 bar	PK black	SVKR-959-PK40-8PF	359424

*OP = Maximum operating pressure at the specified medium temperature



Parameters

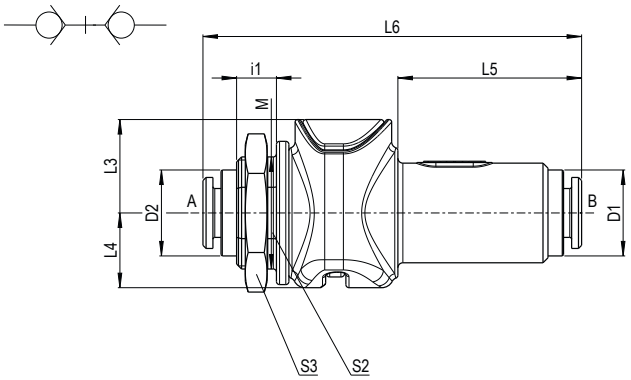
Constructional design	Quick-release coupling with double-sided integrated non-return valve
Nominal diameter	DN 4
Connection sizes metric	Push-in: 6 | 8
Materials	Body: POM blue Seal material: FKM Sleeve: Brass, electro nickel-plated Button: POM blue Lock nut: Brass, electro nickel-plated Grip ring: 1.4310 (AISI 301) Release ring: POM green Other internal parts: POM blue; 1.4310 (AISI 301); Brass electro-nickel plated
Media	Neutral gases and liquids which do not corrode the materials specified
Medium temperature	0 °C – 80 °C
Ambient temperature	0 °C – 60 °C
Pressure range	-0.95–10 bar
Price group	23
Special versions	Further variants on request

RoHS COMPLIANT

REACH COMPLIANT

Bulkhead quick-release coupling, SVKR, POM blue





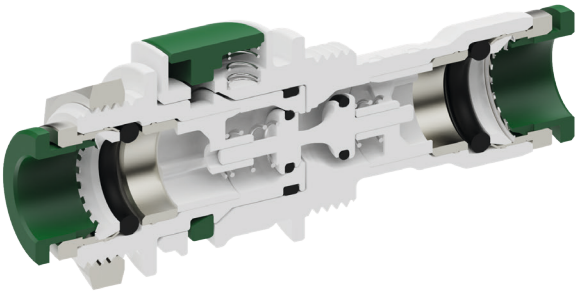
Dimensions

A	B	DN	Ø D1 mm	Ø D2 mm	L3 mm	L4 mm	L5 mm	L6 mm	i1 mm	M	S2 mm	S3 mm
6 mm	6 mm	4	16.0	13.8	12.0	15.0	29.5	60.8	5.0	M18x1	16.0	22.0
8 mm	8 mm	4	16.0	13.8	15.0	12.0	29.9	61.5	5.0	M18x1	16.0	22.0

Parameters

A	B	Kv value water	Leakage value during uncoupling	Operating pressure	Weight	PN	Button	Type	Order No.
6 mm	6 mm	0.34 m³/h	0.50 ml	-0.95–10 bar	30.9 g	10	POM blue	SVKR-959-P40-6FF	359428
8 mm	8 mm	0.47 m³/h	0.50 ml	-0.95–10 bar	29.8 g	10	POM blue	SVKR-959-P40-8FF	359427

*OP = Maximum operating pressure at the specified medium temperature

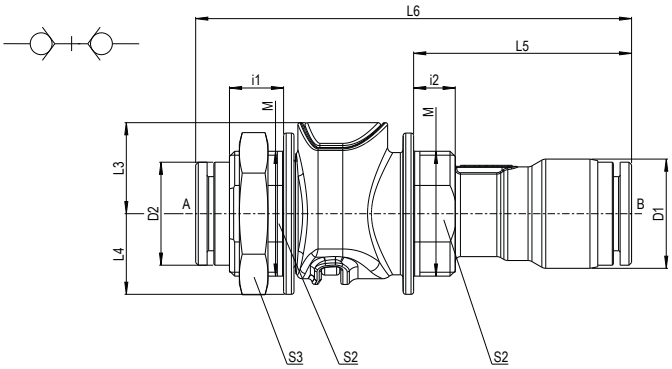


Parameters

Constructional design	Quick-release coupling with double-sided integrated non-return valve
Nominal diameter	DN 7
Connection sizes metric	Push-in: 12
Materials	Body: POM natural Seal material: FKM Sleeve: Brass, electro nickel-plated Button: POM green Lock nut: Brass, electro nickel-plated Grip ring: 1.4310 (AISI 301) Release ring: POM green Other internal parts: POM natural; 1.4310 (AISI 301); Brass electro nickel-plated
Alternative materials	Button: POM red / POM blue
Media	Neutral gases and liquids which do not corrode the materials specified
Medium temperature	-15 °C – 90 °C
Ambient temperature	-40 °C – 60 °C
Pressure range	-0.95–6 bar
Price group	23
Special versions	Further variants on request

Bulkhead quick-release coupling, SVKR, POM natural





Dimensions

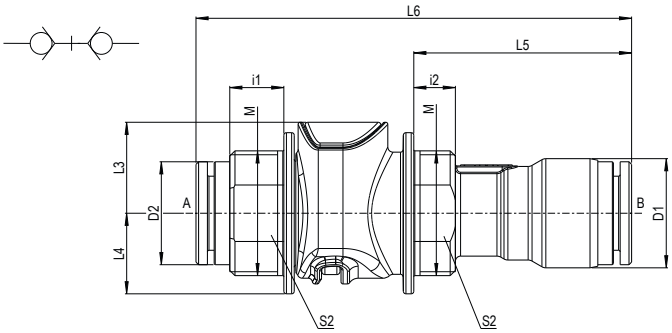
A	B	DN	Ø D1 mm	Ø D2 mm	L3 mm	L4 mm	L5 mm	L6 mm	i1 mm	i2 mm	M	S2 mm	S3 mm
12 mm	12 mm	7	21.0	19.8	17.5	15.4	41.9	83.8	10.4	8.0	M24x1.5	21.4	27.0

Parameters

A	B	Kv value water	Leakage value during uncoupling	Operating pressure	Weight	PN	Button	Type	Order No.
12 mm	12 mm	1.8 m³/h	1.42 ml	-0.95–6 bar	59.2 g	6	POM red	SVKR-959-P70-12F-S2	359485
12 mm	12 mm	1.8 m³/h	1.42 ml	-0.95–6 bar	59.2 g	6	POM blue	SVKR-959-P70-12F-S3	359486
12 mm	12 mm	1.8 m³/h	1.42 ml	-0.95–6 bar	59.2 g	6	POM green	SVKR-959-P70-12F-S4	359487

Quick-release coupling, SVKR, POM natural



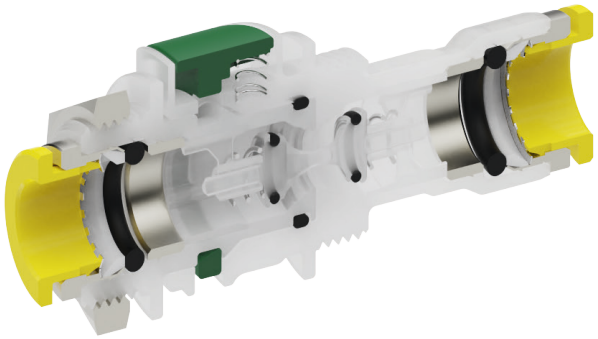


Dimensions

A	B	DN	Ø D1 mm	Ø D2 mm	L3 mm	L4 mm	L5 mm	L6 mm	i1 mm	i2 mm	M	S2 mm
12 mm	12 mm	7	21.0	19.8	17.5	15.4	41.9	83.8	10.4	8.0	M24x1.5	21.4

Parameters

A	B	Kv value water	Leakage value during uncoupling	Operating pressure	Weight	PN	Button	Type	Order No.
12 mm	12 mm	1.8 m³/h	1.42 ml	-0.95–6 bar	48.4 g	6	POM green	SVKR-958-P70-12F-S4	359435
12 mm	12 mm	1.8 m³/h	1.42 ml	-0.95–6 bar	48.4 g	6	POM blue	SVKR-958-P70-12F-S3	359432
12 mm	12 mm	1.8 m³/h	1.42 ml	-0.95–6 bar	48.4 g	6	POM red	SVKR-958-P70-12F-S2	359431

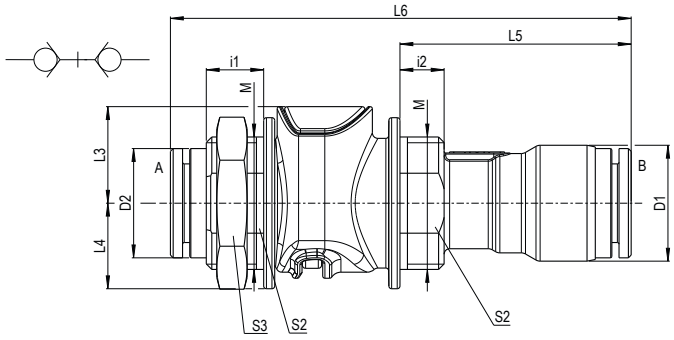


Parameters

Constructional design	Quick-release coupling with double-sided integrated non-return valve
Nominal diameter	DN 7
Connection sizes metric	Push-in: 12
Materials	Body: PVDF natural Seal material: EPDM Sleeve: Brass, electro nickel-plated Button: POM green Lock nut: Brass, electro nickel-plated Grip ring: 1.4310 (AISI 301) Release ring: PVDF yellow Other internal parts: PVDF natural; 1.4310 (AISI 301)
Alternative materials	Button: POM red / POM blue
Media	Neutral gases and liquids which do not corrode the materials specified
Medium temperature	-25 °C – 90 °C
Ambient temperature	-40 °C – 60 °C
Pressure range	-0.95–6 bar
Price group	23
Special versions	Further variants on request

Bulkhead quick-release coupling, SVKR, PVDF natural





Dimensions

A	B	DN	Ø D1 mm	Ø D2 mm	L3 mm	L4 mm	L5 mm	L6 mm	i1 mm	i2 mm	M	S2 mm	S3 mm
12 mm	12 mm	7	21.0	19.8	17.5	15.4	41.9	83.8	10.4	8.0	M24x1,5	21.4	27.0

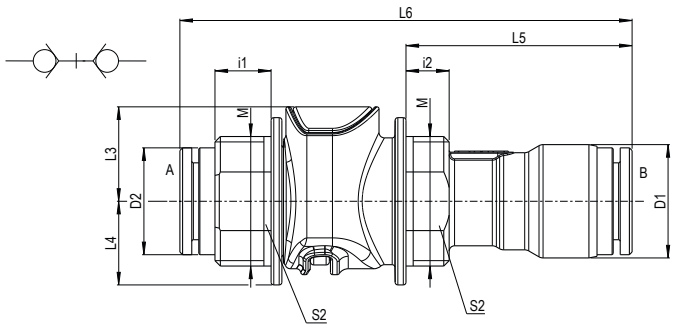
Parameters

A	B	Kv value water	Leakage value during uncoupling	Operating pressure	Weight	PN	OP* at 20 °C	OP* at 60 °C	OP* at 90 °C	Button	Type	Order No.
12 mm	12 mm	1.8 m³/h	1.42 ml	-0.95–6 bar	66.5 g	6	6 bar	6 bar	3 bar	POM red	SVKR-959-V70-12PF-S2	359521
12 mm	12 mm	1.8 m³/h	1.42 ml	-0.95–6 bar	66.5 g	6	6 bar	6 bar	3 bar	POM blue	SVKR-959-V70-12PF-S3	359522
12 mm	12 mm	1.8 m³/h	1.42 ml	-0.95–6 bar	66.5 g	6	6 bar	6 bar	3 bar	POM green	SVKR-959-V70-12PF-S4	359466

*OP = Maximum operating pressure at the specified medium temperature

Quick-release coupling, SVKR, PVDF natural





Dimensions

A	B	DN	Ø D1 mm	Ø D2 mm	L3 mm	L4 mm	L5 mm	L6 mm	i1 mm	i2 mm	M	S2 mm
12 mm	12 mm	7	21.0	19.8	17.5	15.4	41.9	83.8	10.4	8.0	M24x1,5	21.4

Parameters

A	B	Kv value water	Leakage value during uncoupling	Operating pressure	Weight	PN	OP* at 20 °C	OP* at 60 °C	OP* at 90 °C	Button	Type	Order No.
12 mm	12 mm	1.8 m³/h	1.42 ml	-0.95–6 bar	55.2 g	6	6 bar	6 bar	3 bar	POM red	SVKR-958-V70-12PF-S2	359433
12 mm	12 mm	1.8 m³/h	1.42 ml	-0.95–6 bar	55.2 g	6	6 bar	6 bar	3 bar	POM blue	SVKR-958-V70-12PF-S3	359434
12 mm	12 mm	1.8 m³/h	1.42 ml	-0.95–6 bar	55.2 g	6	6 bar	6 bar	3 bar	POM green	SVKR-958-V70-12PF-S4	359489

*OP = Maximum operating pressure at the specified medium temperature