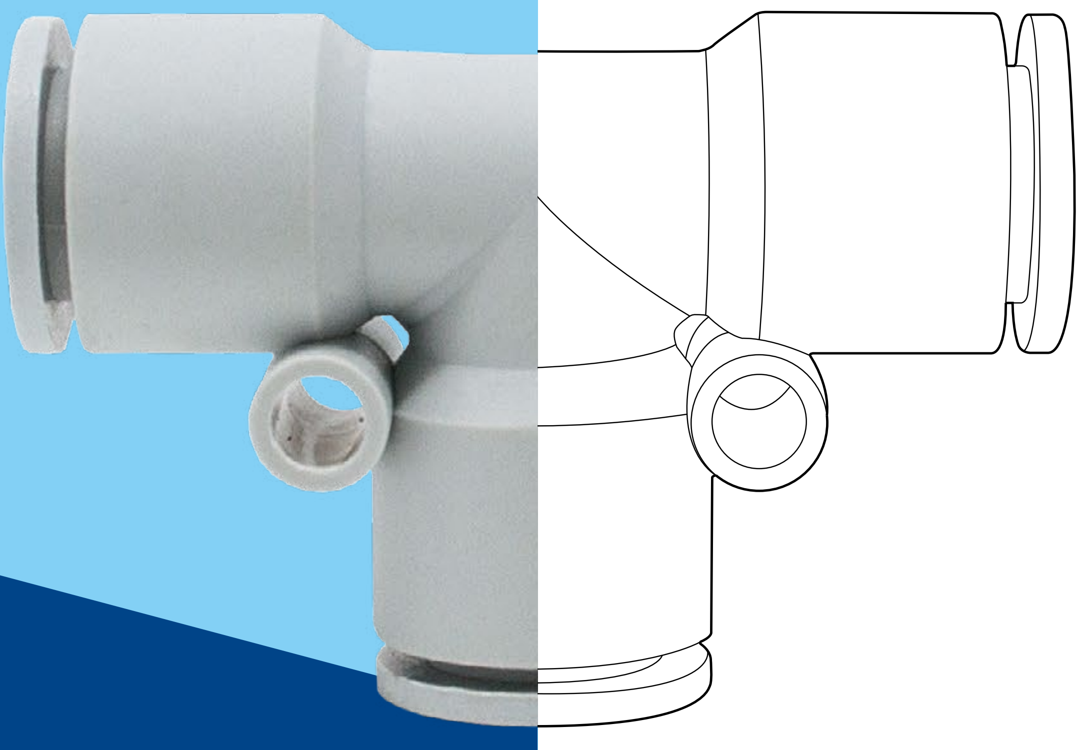
TierreFittings®

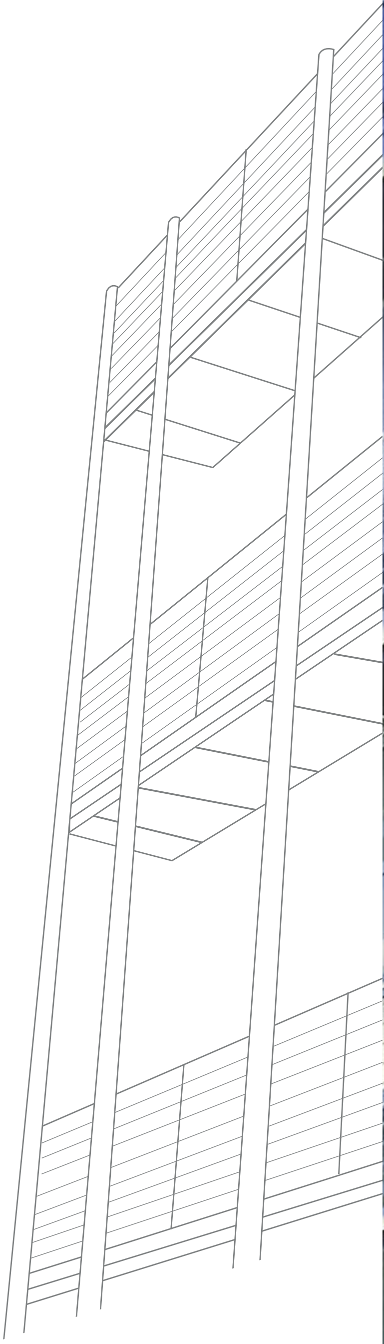
M SERIES



TierreGroup®

TierreGroup®

QUALITY SYSTEM CERTIFICATION
DNV
ISO 9001



TierreGroup®

TierreFittings®

F-Line®.PRO

NET.Fit®

INOX.Fit®

PUSH-IN FITTINGS
M SERIES

PLUS

COMPACT AND EXTREMELY LIGHTWEIGHT

EXCELLENT RESISTANCE TO VACUUM

CAN BE USED WITH WATER FOR INDUSTRIAL APPLICATIONS

Available in parallel **BSPP THREAD** & metric with sealing O-ring and taper **BSPT THREAD** with teflon pre-coated thread

AVAILABLE SMP FITTING SERIES IN STAINLESS STEEL AISI 303

WIDE RANGE OF DIAMETERS AVAILABLE with optimization of flow rates

Working pressure up to **20 BAR** and temperature range **-20°C ÷ 80°C**


p. 8 / **MPC-R**


p. 8 / **MPC-G**


p. 9 / **MPL-R**


p. 9 / **MPL-G**


p. 10 / **MPT-R**


p. 10 / **MPT-G**


p. 11 / **MPUC**


p. 11 / **MPG**


p. 11 / **MPUL**


p. 12 / **MPUT**


p. 12 / **MPY**


p. 12 / **SCPW**

SMP SERIES / STAINLESS STEEL AISI 303 & PA66


p. 13 / **SMPC-R**


p. 13 / **SMPL-R**

QUICK EXHAUST VALVES / PA66


p. 14 / **MEVU**


p. 15 / **MEVS**

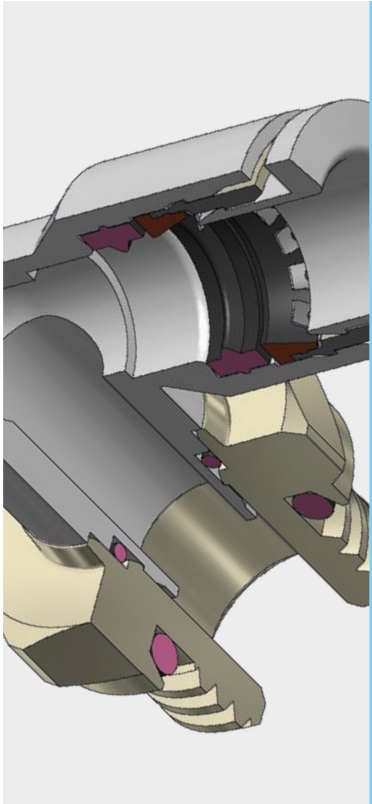
BANJO FLOW REGULATORS / NICKEL-PLATED BRASS & PA66


p. 18 / **MSC-R**


p. 18 / **MSC-G**

FLAT FLOW REGULATORS / NICKEL-PLATED BRASS & PA66


p. 19 / **MSF**



-20°C ÷ 80°C dry air
1°C ÷ 80°C air, vacuum, and water for industrial applications

Working pressure:
20 Bar
Negative pressure:
- 0,95 Bar (- 99 kPa)
Pressure peaks do not exceed the max working pressure

Compressed air, vacuum and industrial water

- Taper gas BSPT ISO 7 from R1/8" to R1/2" with teflon
- Parallel gas BSPP ISO 228 from G1/8" to G1/2" with OR
- Metric ISO 262 M5 and M6 with OR

Polyamide PA, polyurethane PU, polyethylene PE, FEP, PTFE

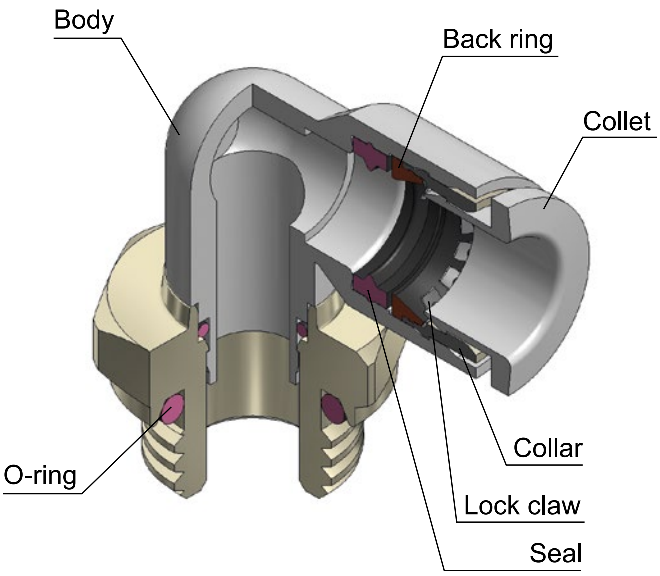
Body: Nickel-plated brass and PA66
Stainless steel AISI 303 (SMP Series)
O-Ring: NBR
Back ring: PA66
POM (MPC - MPC-G)
POM (SMP Series)
Seal: NBR
Lock claw: Stainless steel AISI 301
Collar: PA66
Collet: PA66

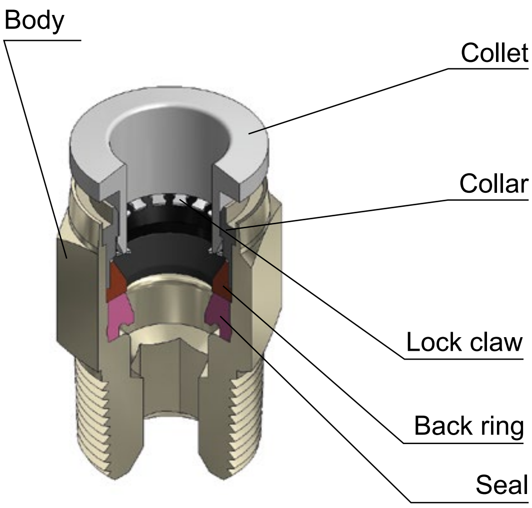
SILICONE FREE

REACH COMPLIANT — Products in compliance with EC Regulation 1907/2006

RoHS3 — Products in compliance with the directive EU 2015/863

CONSTRUCTION DETAILS





TIGHTENING TORQUE
TAPER GAS BSPT ISO 7

THREAD	1/8"	1/4"	3/8"	1/2"
Nm	7	12	22	28

TIGHTENING TORQUE
PARALLEL GAS BSPP ISO 228 & METRIC ISO 262

THREAD	M5x0,8	M6x1,0	1/8"	1/4"	3/8"	1/2"
Nm	1,5	2,3	10	15	25	40

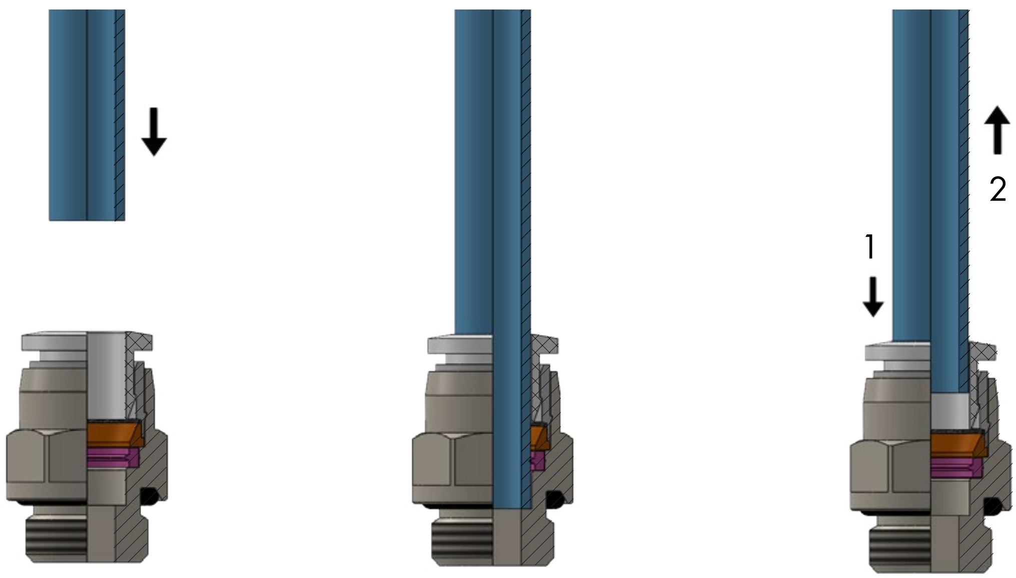
drawings and technical data are not binding & can be changed without notice

INSERTION OF THE TUBE INTO THE FITTING

- Make sure the tube is fully inserted into the fitting.
- To insert the tube into the fitting cut the tube off square (90°), insert tube up to the fitting end stop, and pull back gently to make sure it is correctly connected.
- If there is any damage or scratches on the tube surface the tube is an oval shape, air leakage and tube release may occur. Check the tube condition carefully.
- The OD of polyurethane tube expands when pressure is applied. Reinsertion into the fitting may not always be possible. Check the OD of the tube and renew it the expansion is out of tolerance.

DISCONNECTION OF THE TUBE FROM THE FITTING

- Make sure the pressure in the system is zero before releasing the tube from the fitting.
- To release the tube, press the release sleeve towards the fitting with one hand (1) and pull the tube away from the fitting with the other hand (2).
- Always remove the section of tube previously inserted into the fitting before reinserting the tube by cutting back the tube. Always use the correct tube cutter in order to cut the tube square and free of damage.



TOLERANCES - METRIC TUBE

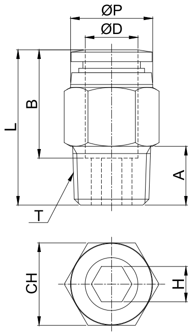
Ø TUBE (mm)	4	6	8	10	12
TOLERANCE (mm)	± 0,1	± 0,1	± 0,1	± 0,1	± 0,15

INSERTION DEPTH - METRIC TUBE

Ø TUBE (mm)	4	6	8	10	12
TUBE INSERTION LENGHT (mm)	12	14,5	16,5	19	21

MPC-R

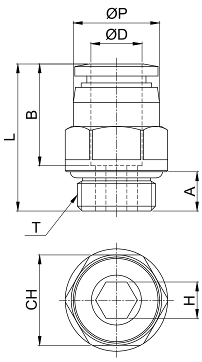
Male connector BSPT thread



CODE	ØD	T	ØP	A	B	L	CH	H	DN	g
MPC04R01W	4	R 1/8"	10	8	14,8	22,0	10	3	3	9,0
MPC04R02W		R 1/4"	10	10	14,8	21,0	14	3	3	16,0
MPC04R03W		R 3/8"	10	11	14,8	22,0	17	3	3	28,0
MPC06R01W	6	R 1/8"	12	8	16,4	23,4	12	4	4	10,0
MPC06R02W		R 1/4"	12	10	16,4	21,9	14	5	5	14,0
MPC06R03W		R 3/8"	12	11	16,4	22,9	17	5	5	25,0
MPC06R04W		R 1/2"	12	14	16,4	29,2	19	5	5	53,0
MPC08R01W	8	R 1/8"	14	8	18,4	28,4	14	5	5	15,0
MPC08R02W		R 1/4"	14	10	18,4	26,4	14	6	6	16,0
MPC08R03W		R 3/8"	14	11	18,4	23,9	17	6	6	24,0
MPC08R04W		R 1/2"	14	14	18,4	29,4	19	6	6	49,0
MPC10R01W	10	R 1/8"	16,1	8	19,7	29,9	17	5	5	21,0
MPC10R02W		R 1/4"	16,1	10	19,7	31,4	17	6	6	24,0
MPC10R03W		R 3/8"	16,1	11	19,7	27,5	17	8	8	24,0
MPC10R04W		R 1/2"	16,1	14	19,7	29,9	19	8	8	45,0
MPC12R01W	12	R 1/8"	19	8	21,9	33,2	19	5	5	30,0
MPC12R02W		R 1/4"	19	10	21,9	33,7	19	6	6	30,0
MPC12R03W		R 3/8"	19	11	21,9	30,7	19	8	8	29,0
MPC12R04W		R 1/2"	19	14	21,9	30,2	19	8	8	38,0

MPC-G

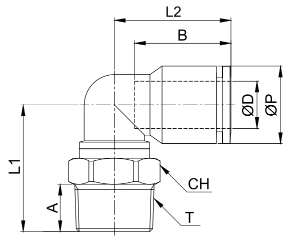
Male connector BSPP & metric thread



CODE	ØD	T	ØP	A	B	L	CH	H	DN	g
MPC04M5W	4	M5x0,8p	10,0	4,0	14,8	20,9	10	-	2,5	7,0
MPC04M6W		M6x1,0p	10,0	4,1	14,8	20,9	10	-	3	8,0
MPC04G01W		G 1/8"	10,3	5,0	14,8	20,0	13	3	3	11,0
MPC04G02W		G 1/4"	10,3	6,5	14,8	21,5	15	3	3	19,0
MPC04G03W		G 3/8"	10,3	6,5	14,8	21,5	17	3	3	28,0
MPC06M5W	6	M5x0,8p	12,0	4,0	16,4	23,1	12	-	2,5	10,0
MPC06M6W		M6x1,0p	12,0	4,1	16,4	23,0	12	-	3	10,0
MPC06G01W		G 1/8"	12,3	5,0	16,4	21,2	13	4	4	10,0
MPC06G02W		G 1/4"	12,3	6,5	16,4	23,2	15	5	5	17,0
MPC06G03W		G 3/8"	12,3	6,5	16,4	22,2	17	5	5	23,0
MPC08G01W	8	G 1/8"	14,3	5,0	18,4	26,9	15	5	5	17,0
MPC08G02W		G 1/4"	14,3	6,5	18,4	24,4	15	6	6	16,0
MPC08G03W		G 3/8"	14,3	6,5	18,4	23,4	17	6	6	24,0
MPC08G04W		G 1/2"	14,3	8,0	18,4	23,9	21	6	6	38,0
MPC10G01W	10	G 1/8"	16,5	5,0	19,7	28,9	17	5	5	22,0
MPC10G02W		G 1/4"	16,5	6,5	19,7	28,9	17	6	6	23,0
MPC10G03W		G 3/8"	16,5	6,5	19,7	25,4	17	8	8	20,0
MPC10G04W		G 1/2"	16,5	8,0	19,7	25,9	21	8	8	39,0
MPC12G02W	12	G 1/4"	19,0	6,5	21,9	31,7	19	6	6	29,0
MPC12G03W		G 3/8"	19,0	6,5	21,9	27,2	19	8	8	23,0
MPC12G04W		G 1/2"	19,0	8,0	21,9	28,2	21	8	8	36,0

MPL-R

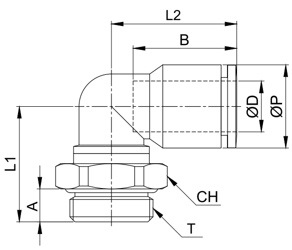
Swivel male elbow BSPT thread



CODE	ØD	T	ØP	A	B	L1	L2	CH	DN	g
MPL04R01W	4	R 1/8"	9,3	7	13,0	18,7	15,6	10	3,5	6,7
MPL04R02W		R 1/4"	9,3	10	13,0	21,7	15,6	14	3,5	12,6
MPL04R03W		R 3/8"	9,3	10	13,0	21,7	15,6	17	3,5	19,1
MPL06R01W	6	R 1/8"	11,5	7	15,0	20,0	17,3	10	3,5	7,2
MPL06R02W		R 1/4"	11,5	10	15,0	23,0	17,3	14	3,5	13,2
MPL06R03W		R 3/8"	11,5	10	15,0	23,0	17,3	17	3,5	19,6
MPL08R01W	8	R 1/8"	13,6	7	16,9	21,8	21,2	10	4	6,3
MPL08R02W		R 1/4"	13,6	10	16,9	24,8	21,2	14	4	13,1
MPL08R03W		R 3/8"	13,6	10	16,9	24,8	21,2	17	4	19,6
MPL08R04W		R 1/2"	13,6	13	16,9	27,3	21,2	21	4	34,6
MPL10R02W	10	R 1/4"	16,4	10	18,9	26,8	24,6	15	9	14,0
MPL10R03W		R 3/8"	16,4	10	18,9	26,8	24,6	17	9	19,5
MPL10R04W		R 1/2"	16,4	13	18,9	29,8	24,6	21	9	33,4
MPL12R02W	12	R 1/4"	19,5	10	21,4	28,5	28,7	15	9,8	16,1
MPL12R03W		R 3/8"	19,5	10	21,4	28,5	28,7	17	9,8	21,6
MPL12R04W		R 1/2"	19,5	13	21,4	31,5	28,7	21	9,8	35,5

MPL-G

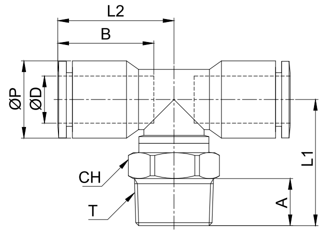
Swivel male elbow BSPP & metric thread



CODE	ØD	T	ØP	A	B	L1	L2	CH	DN	g
MPL04M5W	4	M5x0,8p	9,3	4	13,0	16,2	15,6	9	2,2	3,5
MPL04M6W		M6x1,0p	9,3	4	13,0	16,2	15,6	9	3	3,7
MPL04G01W		G 1/8"	9,3	5	13,0	16,7	15,6	14	3,5	8,2
MPL04G02W		G 1/4"	9,3	6,5	13,0	18,7	15,6	17	3,5	13,4
MPL04G03W		G 3/8"	9,3	6,5	13,0	18,2	15,6	20	3,5	19,1
MPL04G04W		G 1/2"	9,3	8	13,0	19,7	15,6	24	3,5	31,7
MPL06M5W	6	M5x0,8p	11,5	4	15,0	17,5	17,3	9	2,2	4,0
MPL06M6W		M6x1,0p	11,5	4	15,0	17,5	17,3	9	3	4,2
MPL06G01W		G 1/8"	11,5	5	15,0	18,0	17,3	14	4	8,7
MPL06G02W		G 1/4"	11,5	6,5	15,0	20,0	17,3	17	4	14,0
MPL06G03W		G 3/8"	11,5	6,5	15,0	19,5	17,3	20	4	19,7
MPL06G04W		G 1/2"	11,5	8	15,0	21,0	17,3	24	4	32,3
MPL08G01W	8	G 1/8"	13,6	5	16,9	21,8	21,2	14	6	10,3
MPL08G02W		G 1/4"	13,6	6,5	16,9	21,8	21,2	17	6	14,4
MPL08G03W		G 3/8"	13,6	6,5	16,9	21,3	21,2	20	6	19,4
MPL08G04W		G 1/2"	13,6	8	16,9	22,8	21,2	24	6	31,6
MPL10G01W	10	G 1/8"	16,4	5	18,9	23,3	24,6	17	9	13,9
MPL10G02W		G 1/4"	16,4	6,5	18,9	24,7	24,6	17	9	16,5
MPL10G03W		G 3/8"	16,4	6,5	18,9	22,8	24,6	20	9	20,0
MPL10G04W		G 1/2"	16,4	8	18,9	24,3	24,6	24	9	30,5
MPL12G01W	12	G 1/8"	19,5	5	21,4	25,0	28,7	17	9,6	15,5
MPL12G02W		G 1/4"	19,5	6,5	21,4	26,4	28,7	17	9,6	18,1
MPL12G03W		G 3/8"	19,5	6,5	21,4	24,5	28,7	20	9,6	21,6
MPL12G04W		G 1/2"	19,5	8	21,4	26,0	28,7	24	9,6	32,1

MPT-R

Swivel male central Tee BSPT thread



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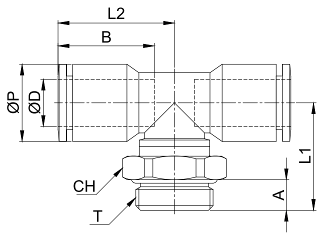
MPT04R01W	4	R 1/8"	9,3	7	13,0	18,7	15,6	10	3,5	7,4
MPT04R02W		R 1/4"	9,3	10	13,0	21,7	15,6	14	3,5	13,3
MPT04R03W		R 3/8"	9,3	10	13,0	21,7	15,6	17	3,5	19,8
MPT06R01W	6	R 1/8"	11,5	7	15,0	20,0	17,3	10	3,5	8,4
MPT06R02W		R 1/4"	11,5	10	15,0	23,0	17,3	14	3,5	14,4
MPT06R03W		R 3/8"	11,5	10	15,0	23,0	17,3	17	3,5	20,8
MPT08R01W	8	R 1/8"	13,6	7	16,9	21,8	21,2	10	4	7,9
MPT08R02W		R 1/4"	13,6	10	16,9	24,8	21,2	14	4	14,7
MPT08R03W		R 3/8"	13,6	10	16,9	24,8	21,2	17	4	21,2
MPT08R04W		R 1/2"	13,6	13	16,9	27,3	21,2	21	4	36,1
MPT10R02W	10	R 1/4"	16,4	10	18,9	26,8	24,6	15	9	16,4
MPT10R03W		R 3/8"	16,4	10	18,9	26,8	24,6	17	9	22,0
MPT10R04W		R 1/2"	16,4	13	18,9	29,8	24,6	21	9	35,9
MPT12R02W	12	R 1/4"	19,5	10	21,4	28,5	28,7	15	9,8	20,2
MPT12R03W		R 3/8"	19,5	10	21,4	28,5	28,7	17	9,8	25,8
MPT12R04W		R 1/2"	19,5	13	21,4	31,5	28,7	21	9,8	39,7

MPT-G

Swivel male central Tee BSPP & metric thread



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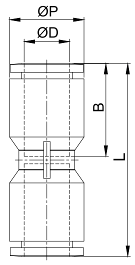
MPT04M5W	4	M5x0,8p	9,3	4	13,0	16,2	15,5	9	2,2	4,2
MPT04G01W		G 1/8"	9,3	5	13,0	16,7	15,6	14	3,5	8,9
MPT04G02W		G 1/4"	9,3	6,5	13,0	18,7	15,6	17	3,5	14,1
MPT04G03W		G 3/8"	9,3	6,5	13,0	18,2	15,6	20	3,5	19,8
MPT04G04W		G 1/2"	9,3	8	13,0	19,7	15,6	24	3,5	32,4
MPT06M5W	6	M5x0,8p	11,5	4	15,0	17,5	17,3	9	2,2	5,1
MPT06G01W		G 1/8"	11,5	5	15,0	18,0	17,3	14	4,0	9,9
MPT06G02W		G 1/4"	11,5	6,5	15,0	20,0	17,3	17	4,0	15,2
MPT06G03W		G 3/8"	11,5	6,5	15,0	19,5	17,3	20	4,0	20,9
MPT06G04W		G 1/2"	11,5	8	15,0	21,0	17,3	24	4,0	33,5
MPT08G01W	8	G 1/8"	13,6	5	16,9	21,8	21,2	14	6,0	11,9
MPT08G02W		G 1/4"	13,6	6,5	16,9	21,8	21,2	17	6,0	16,0
MPT08G03W		G 3/8"	13,6	6,5	16,9	21,3	21,2	20	6,0	21,0
MPT08G04W		G 1/2"	13,6	8	16,9	22,8	21,2	24	6,0	33,2
MPT10G01W	10	G 1/8"	16,4	5	18,9	23,3	24,6	17	9,0	16,4
MPT10G02W		G 1/4"	16,4	6,5	18,9	24,7	24,6	17	9,0	19,0
MPT10G03W		G 3/8"	16,4	6,5	18,9	22,8	24,6	20	9,0	22,5
MPT10G04W		G 1/2"	16,4	8	18,9	24,3	24,6	24	9,0	33,0
MPT12G01W	12	G 1/8"	19,5	5	21,4	25,0	28,7	17	9,6	19,5
MPT12G02W		G 1/4"	19,5	6,5	21,4	26,4	28,7	17	9,6	22,1
MPT12G03W		G 3/8"	19,5	6,5	21,4	24,5	28,7	20	9,6	25,6
MPT12G04W		G 1/2"	19,5	8	21,4	26,0	28,7	24	9,6	36,1

MPUC

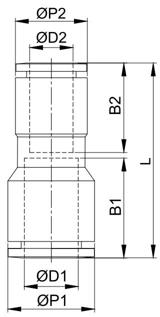
Union connector



CODE	ØD	ØP	B	L	DN	g
MPUC04W	4	9,3	13,0	27,0	3,5	1,5
MPUC06W	6	11,5	15,0	31,2	5	2,4
MPUC08W	8	13,6	16,9	35,3	7	3,4
MPUC10W	10	16,4	18,9	39,6	9	5,4
MPUC12W	12	19,5	21,4	44,6	11	8,6

MPG

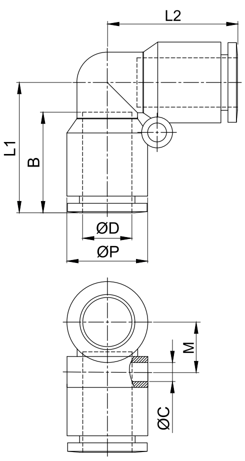
Reduced union connector



CODE	ØD1	ØD2	ØP1	ØP2	B1	B2	L	DN	g
MPG0604W	6	4	11,5	9,3	15,0	13,0	29,1	3,5	1,8
MPG0804W	8	4	13,6	9,3	16,9	13,0	32,4	3,5	2,3
MPG0806W	8	6	13,6	11,5	16,9	15,0	32,9	5	2,7
MPG1006W	10	6	16,4	11,5	19,8	15,0	35,0	5	3,7
MPG1008W	10	8	16,4	13,6	19,8	16,9	36,9	7	4,1
MPG1208W	12	8	19,5	13,6	21,4	16,9	40,1	7	5,7
MPG1210W	12	10	19,5	16,4	21,4	19,8	40,4	9	6,5

MPUL

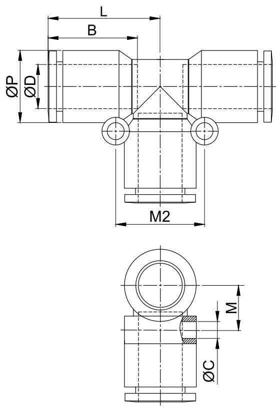
Union elbow



CODE	ØD	ØP	ØC	B	M	L1	L2	DN	g
MPUL04W	4	9,3	3,2	13,0	6,3	15,5	15,5	3,5	1,7
MPUL06W	6	11,5	3,2	15,0	7,4	18,9	18,9	5	2,8
MPUL08W	8	13,6	3,2	16,9	8,4	21,9	21,9	7	4,2
MPUL10W	10	16,4	4,2	19,8	10,3	25,1	25,1	9	6,5
MPUL12W	12	19,5	4,2	21,4	11,9	28,8	28,8	11	10,4

MPUT

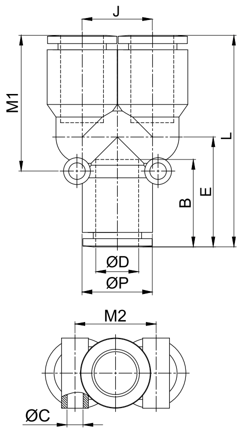
Union Tee



CODE	ØD	ØP	ØC	B	M1	M2	L	DN	g
MPUT04W	4	9,3	3,2	13,0	6,3	12,6	15,5	3,5	2,6
MPUT06W	6	11,5	3,2	15,0	7,4	14,8	18,9	5	4,2
MPUT08W	8	13,6	3,2	16,9	8,4	16,8	21,9	7	5,8
MPUT10W	10	16,4	4,2	18,9	10,3	20,6	25,1	9	9,5
MPUT12W	12	19,5	4,2	21,4	11,9	23,8	28,8	11	14,9

MPY

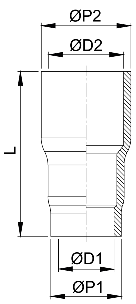
Union Y



CODE	ØD	ØP	ØC	B	E	M1	M2	J	L	DN	g
MPY04W	4	9,3	3,2	13,0	16,1	19,6	11,7	9,3	31,0	3,5	2,6
MPY06W	6	11,5	3,2	15,0	18,9	22,8	13,6	11,5	36,2	5	4,3
MPY08W	8	13,6	3,2	16,9	21,3	26,3	15,7	13,6	41,0	7	6,2
MPY10W	10	16,4	4,2	18,9	23,9	31	20,1	16,4	46,6	9	10,3
MPY12W	12	19,5	4,2	21,4	25,5	36	22,4	19,5	55,0	11	15,8

SCPW

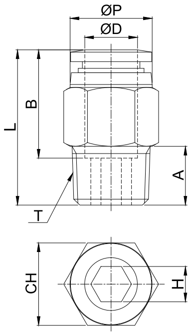
Anti-spark cover



CODE	ØD1 TUBO	ØD2	ØP1	ØP2	L	g
SCPW08	10	13,4	12,6	16	29,0	2,2
SCPW10	12	16,2	14,6	18,8	31,5	3,0

SMPC-R

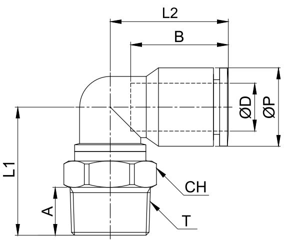
Male connector BSPT & metric thread, stainless steel AISI 303



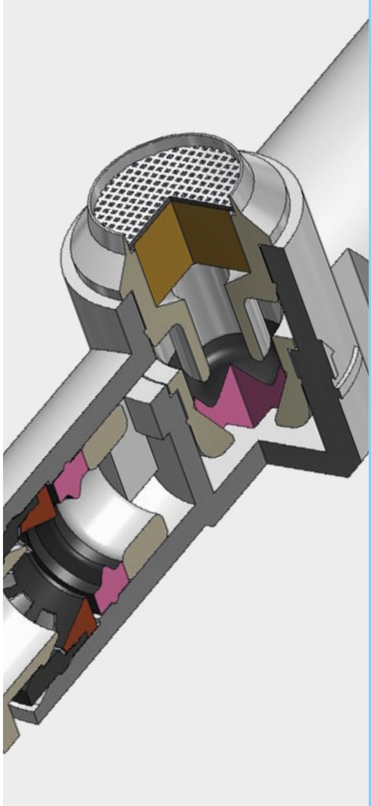
CODE	ØD	T	ØP	A	B	L	CH	H	DN	g
SMPC04M5W	4	M5x0,8p	10	4	14,8	20,9	10	-	2,5	5,3
SMPC04R01W		R 1/8"	10	8	14,8	22,0	10	3	3	7,0
SMPC06M5W	6	M5x0,8p	12	4	16,4	23,1	12	-	2,5	7,2
SMPC06R01W		R 1/8"	12	8	16,4	23,4	12	4	4	7,8
SMPC06R02W		R 1/4"	12	10	16,4	21,9	14	5	5	11,6
SMPC06R03W		R 3/8"	12	11	16,4	22,9	17	5	5	26,6
SMPC08R01W	8	R 1/8"	14	8	18,4	28,4	14	5	5	11,7
SMPC08R02W		R 1/4"	14	10	18,4	26,4	14	6	6	12,0
SMPC08R03W		R 3/8"	14	11	18,4	23,9	17	6	6	19,9
SMPC08R04W		R 1/2"	14	14	18,4	29,4	19	6	6	49,3
SMPC10R02W	10	R 1/4"	16,1	10	19,7	31,4	17	6	6	19,3
SMPC10R03W		R 3/8"	16,1	11	19,7	27,5	17	8	8	20,1
SMPC10R04W		R 1/2"	16,1	14	19,7	29,9	19	8	8	39,0
SMPC12R02W	12	R 1/4"	19	10	21,9	33,7	19	6	6	24,6
SMPC12R03W		R 3/8"	19	11	21,9	30,7	19	8	8	21,9
SMPC12R04W		R 1/2"	19	14	21,9	30,2	19	8	8	30,2

SMPL-R

Swivel male elbow BSPT & metric thread, PA66 and stainless steel AISI 303 thread



CODE	ØD	T	ØP	A	B	L1	L2	CH	DN	g
SMPL04M5W	4	M5x0,8p	9,3	4	13	16,2	15,5	9	2,2	3,3
SMPL04R01W		R 1/8"	9,3	7	13	18,7	15,5	10	3,5	6,3
SMPL06M5W	6	M5x0,8p	11,5	4	15	17,5	17,3	9	2,2	3,8
SMPL06R01W		R 1/8"	11,5	7	15	20,0	17,3	10	3,5	6,8
SMPL06R02W		R 1/4"	11,5	10	15	23,0	17,3	14	3,5	12,2
SMPL06R03W		R 3/8"	11,5	10	15	23,0	17,3	17	3,5	18,5
SMPL08R01W	8	R 1/8"	13,6	7	16,9	21,8	21,2	10	4	6,1
SMPL08R02W		R 1/4"	13,6	10	16,9	24,8	21,2	14	4	12,2
SMPL08R03W		R 3/8"	13,6	10	16,9	24,8	21,2	17	4	18,7
SMPL08R04W		R 1/2"	13,6	13	16,9	27,8	21,2	21	4	32,7
SMPL10R02W	10	R 1/4"	16,4	10	18,9	26,8	24,7	15	9	13,4
SMPL10R03W		R 3/8"	16,4	10	18,9	26,8	24,7	17	9	18,7
SMPL10R04W		R 1/2"	16,4	13	18,9	29,8	24,7	21	9	31,4
SMPL12R02W	12	R 1/4"	19,5	10	21,4	28,5	28,3	15	9,8	15,5
SMPL12R03W		R 3/8"	19,5	10	21,4	28,5	28,3	17	9,8	20,8
SMPL12R04W		R 1/2"	19,5	13	21,4	31,5	28,3	21	9,8	33,5



-5°C ÷ 60°C

Working pressure:
10 Bar
Min. working pressure:
1 Bar

Pressure peaks do not exceed the max working pressure

Compressed air

Polyamide PA, polyurethane PU, polyethylene PE

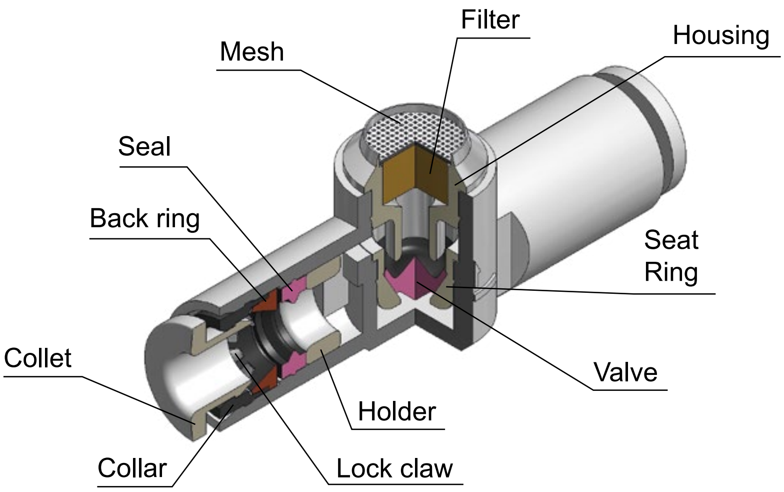
Body: PA66
Mesh: Stainless steel AISI 301
Back ring: PA66
Seal: NBR
Lock claw: Stainless steel AISI 301
Collar: PA66
Seat ring: Brass
Holder: POM
Collet: PA66
Filter: PE
Housing: Ottone
Valve: NBR

SILICONE FREE

REACH COMPLIANT — Products in compliance with EC Regulation 1907/2006

RoHS3 — Products in compliance with the directive EU 2015/863

CONSTRUCTION DETAILS



PLUS - MEVU

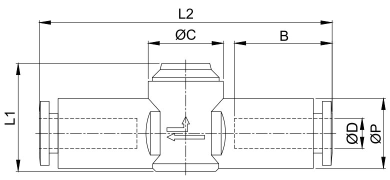
Silenced exhaust to the atmosphere through the incorporated silencer.

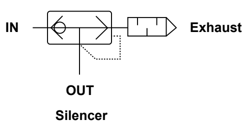
Easy assembly thanks to push-in fittings incorporated.

Suitable for multiple applications thanks to light weight and compact size.

MEVU

Quick exhaust valve with silencer

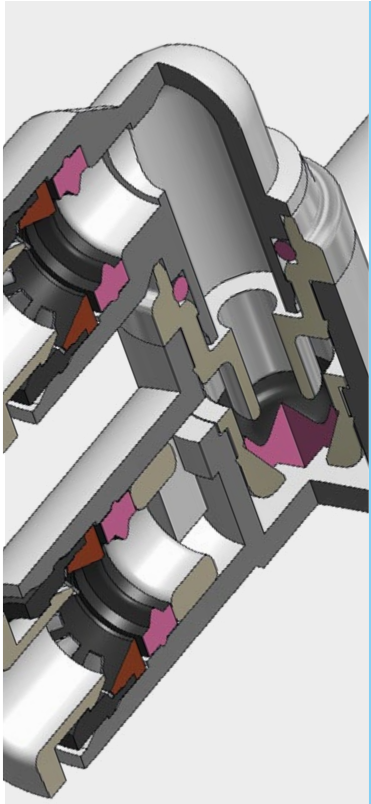




CODE	ØD	ØP	ØC	B	L1	L2	g
MEVU04W	4	9,3	10	13,0	14,4	39,0	4,5
MEVU06W	6	11,5	10	14,5	15,9	41,7	5,5

Section in mm²

CODE	Ø TUBE (mm)	IN - OUT	OUT - EXHAUST
MEVU04W	4	1,7	2,5
MEVU06W	6	2,4	2,7



-5°C ÷ 60°C

Working pressure:
10 Bar
Min. working pressure:
1 Bar

Pressure peaks do not exceed the max working pressure

Compressed air

Polyamide PA, polyurethane PU, polyethylene PE

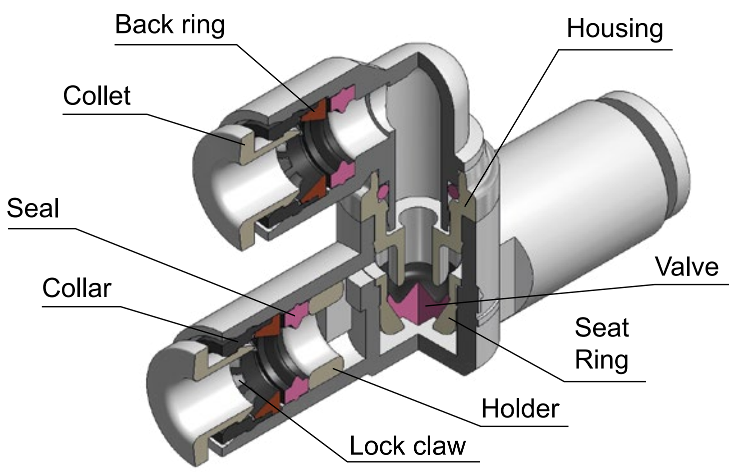
Body: PA66
Back ring: PA66
Seal: NBR
Lock claw: Stainless steel AISI 301
Collar: PA66
Seat ring: Brass
Holder: POM
Collet: PA66
Housing: Brass
Valve: NBR

SILICONE FREE

REACH COMPLIANT – Products in compliance with EC Regulation 1907/2006

RoHS3 – Products in compliance with the directive EU 2015/863

CONSTRUCTION DETAILS



PLUS - MEVS

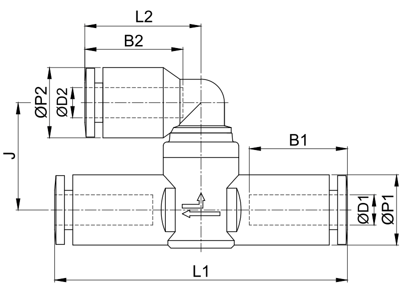
Connection exhaust to be conveyed.

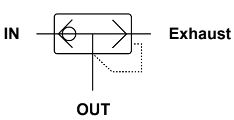
Easy assembly thanks to push-in fittings incorporated.

Suitable for multiple applications thanks to the light weight and compact size.

MEVS

Quick exhaust valve with push-in fittings



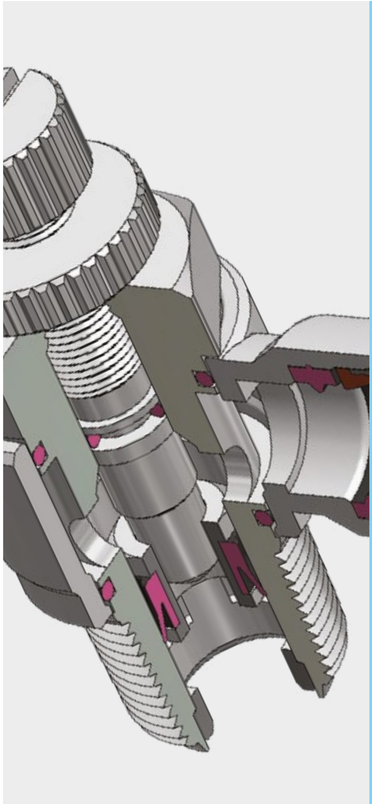


CODE	ØD1	ØD2	B1	B2	ØP1	ØP2	L1	L2	J	g
MEVS04W	4	4	13,0	13,0	9,3	9,3	39,0	15,4	14,2	5,9
MEVS06W	6	6	14,5	14,5	11,5	11,5	41,7	17,3	15,6	7,5

Section in mm^2

CODE	Ø TUBE (mm)	IN - OUT	OUT - EXHAUST
MEVS04W	4	1,7	2,5
MEVS06W	6	2,4	2,7

drawings and technical data are not binding & can be changed without notice



0°C ÷ 60°C

Working pressure:
10 Bar
Negative pressure:
- 0,95 Bar (- 95 kPa)

Pressure peaks do not exceed the max working pressure

Compressed air & vacuum
(do not use with water)

- Taper gas BSPT ISO 7 from R1/8" to R1/2" with teflon
- Parallel gas BSPP ISO 228 with OR from G1/8" to G1/2"
- Metric ISO 262 M5

Polyamide PA,
Polyurethane PU,
Polyethylene PE

Manual flow adjustment and screwdriver

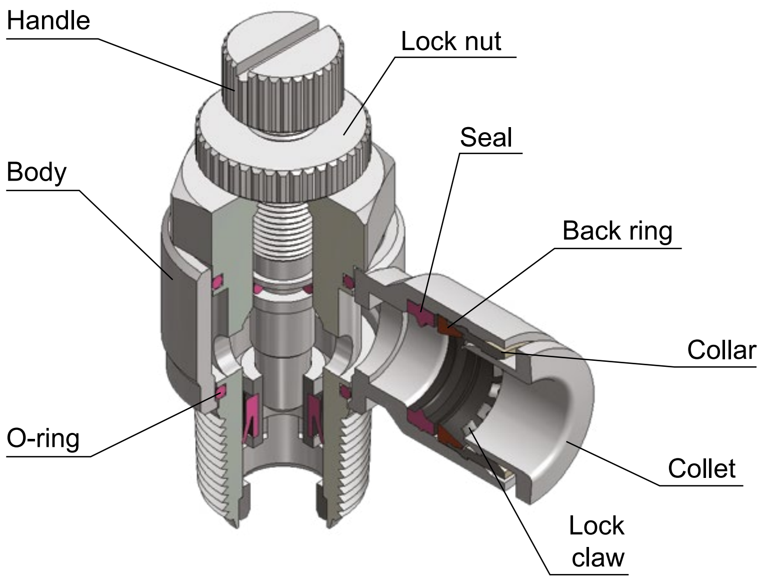
Body: Nickel-plated brass and PA66
Collet: PA66
Collar: PA66
Lock claw: Stainless steel AISI 301
Back ring: POM
Seal: NBR
O-ring: NBR
Handle: Nickel-plated brass
Lock nut: Nickel-plated brass

SILICONE FREE

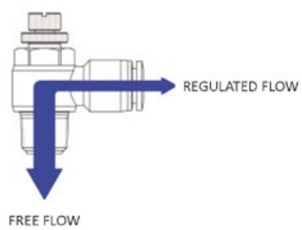
REACH COMPLIANT — Products in compliance with EC Regulation 1907/2006

RoHS3 — Products in compliance with the directive EU 2015/863

CONSTRUCTION DETAILS



EXHAUST
(FOR CYLINDERS)



TIGHTENING TORQUE
TAPER GAS BSPT ISO 7

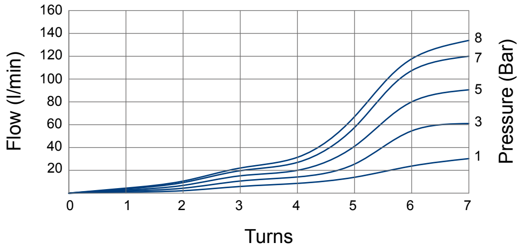
THREAD	1/8"	1/4"	3/8"	1/2"
Nm	7	12	22	28

TIGHTENING TORQUE
PARALLEL GAS BSPP ISO 228 & METRIC ISO 262

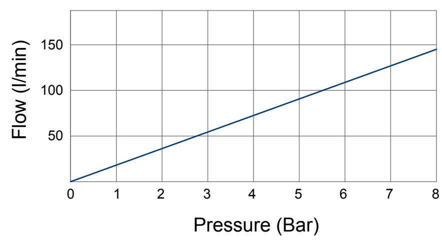
THREAD	M5x0,8	1/8"	1/4"	3/8"	1/2"
Nm	1,5	10	15	25	40

MSC04M5
MSC06M5

Flow Control

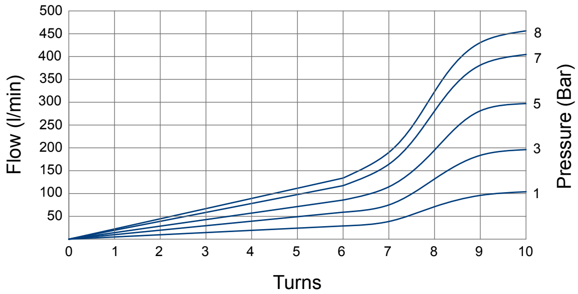


Free Flow

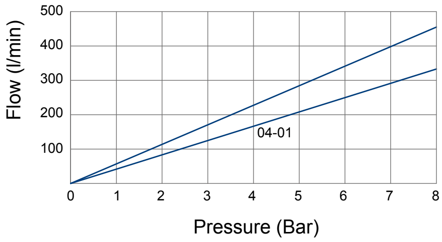


MSC0401
MSC0601
MSC0801
MSC1001

Flow Control

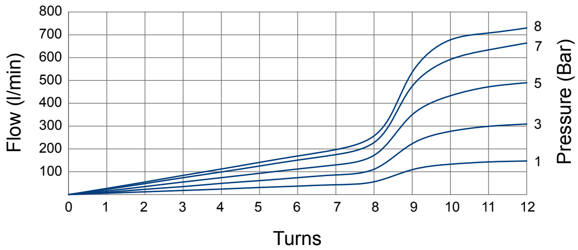


Free Flow

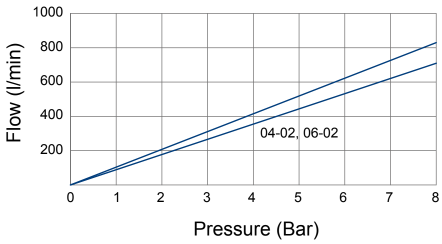


MSC0402
MSC0602
MSC0802
MSC1002
MSC1202

Flow Control

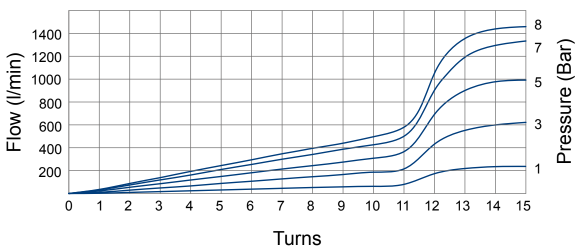


Free Flow

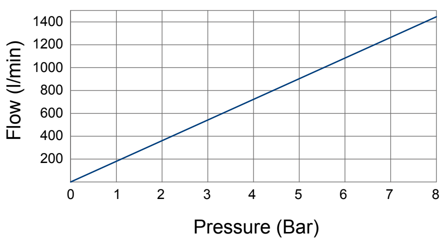


MSC0603
MSC0803
MSC1003
MSC1203

Flow Control

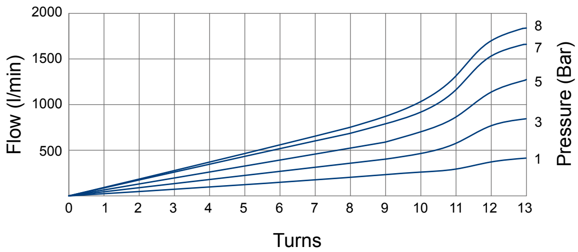


Free Flow

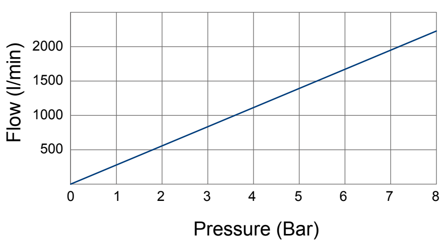


MSC0604
MSC0804
MSC1004
MSC1204

Flow Control

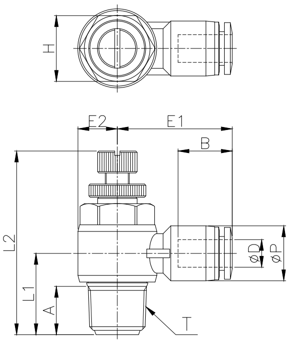


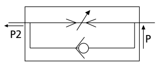
Free Flow



MSC-R

Banjo male elbow flow regulator unidirectional, for cylinders, adjustable BSPT thread with handle regulation

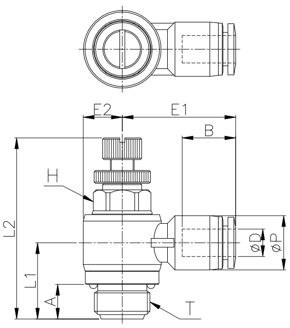


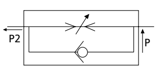


CODE	ØD	T	ØP	L1	L2 MIN	L2 MAX	E1	E2	A	B	H
MSC04R01	4	R 1/8"	9,3	15,0	35,5	40.7	20,0	7.0	8.2	13,0	11
MSC04R02		R 1/4"	9,3	18,5	40,3	46.6	22,0	9.0	11.0	13,0	15
MSC06R01	6	R 1/8"	11,5	15,1	35,5	40,7	22,1	7,0	8,2	15,0	11
MSC06R02		R 1/4"	11,5	18,3	40,3	46,5	24,0	9,0	11,0	15,0	15
MSC06R03		R 3/8"	11,5	21,7	46,9	55,0	26,1	11,0	12,2	15,0	19
MSC06R04		R 1/2"	11,5	26,4	54,0	60,1	28,8	13,8	16,5	15,0	24
MSC08R01	8	R 1/8"	13,6	16,2	35,5	40,7	24,2	7,1	8,2	17,1	11
MSC08R02		R 1/4"	13,6	19,2	40,3	46,6	26,1	9,0	11,0	17,1	15
MSC08R03		R 3/8"	13,6	21,7	46,9	54,9	28,2	11,1	12,2	17,1	19
MSC08R04		R 1/2"	13,6	26,4	54,0	60,1	30,9	13,8	16,5	17,1	24
MSC10R01	10	R 1/8"	16,4	17,6	35,5	40,7	26,8	7,1	8,2	18,4	11
MSC10R02		R 1/4"	16,4	20,6	40,3	46,6	28,6	9,0	11,0	18,4	15
MSC10R03		R 3/8"	16,4	23,0	46,9	54,9	29,5	11,1	12,2	18,4	19
MSC10R04		R 1/2"	16,4	26,4	54,0	60,1	32,2	13,8	16,5	18,4	24
MSC12R02	12	R 1/4"	19,5	22,1	40,3	46,6	30,9	9,0	11,0	20,4	15
MSC12R03		R 3/8"	19,5	23,8	46,9	54,9	32,7	11,1	12,2	20,4	19
MSC12R04		R 1/2"	19,5	27,9	54,0	60,1	35,2	13,8	16,5	21,4	24

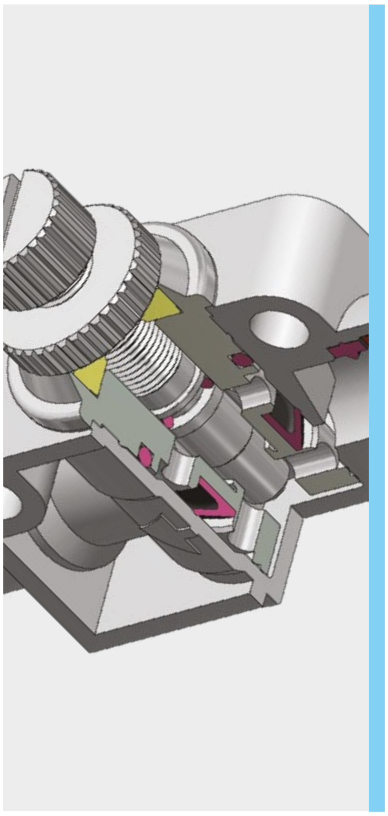
MSC-G

Banjo male swivel elbow flow regulator unidirectional, for cylinders, BSPP & metric thread with handle regulation





CODE	ØD	T	ØP	L1	L2 MIN	L2 MAX	E1	E2	A	B	H
MSC04M5	4	M5x0.8P	9,3	10,2	27,1	29,1	17,8	4,9	3,6	12,9	8
MSC04G01		G 1/8"	9,3	15,2	34,6	39,8	20,0	7,1	6,0	12,9	8
MSC04G02		G 1/4"	9,3	18,2	39,8	46,1	21,9	9,0	8,0	12,9	12
MSC06M5	6	M5x0.8P	11,5	11,3	27,1	29,1	20,9	4,9	3,6	15,0	8
MSC06G01		G 1/8"	11,5	15,2	34,6	39,8	22,1	7,1	6,0	15,0	8
MSC06G02		G 1/4"	11,5	18,3	39,8	46,1	24,0	9,0	8,0	15,0	12
MSC06G03		G 3/8"	11,5	21,2	47,7	54,9	26,1	11,1	8,0	15,0	14
MSC06G04		G 1/2"	11,5	23,0	54,5	61,7	28,8	13,8	9,0	15,0	17
MSC08G01	8	G 1/8"	13,6	13,9	34,6	39,8	24,2	7,1	6,0	17,1	8
MSC08G02		G 1/4"	13,6	17,4	39,8	46,1	26,1	9,0	8,0	17,1	12
MSC08G03		G 3/8"	13,6	21,2	47,7	54,9	28,2	11,1	8,0	17,1	14
MSC08G04		G 1/2"	13,6	23,0	54,5	61,7	30,9	13,8	9,0	17,1	17
MSC10G01	10	G 1/8"	16,4	17,8	34,6	39,8	25,5	7,1	6,0	18,4	8
MSC10G02		G 1/4"	16,4	19,8	39,8	46,1	27,4	9,0	8,0	18,4	12
MSC10G03		G 3/8"	16,4	19,9	47,7	54,9	29,5	11,1	8,0	18,4	14
MSC10G04		G 1/2"	16,4	23,0	54,5	61,7	32,2	13,8	9,0	18,4	17
MSC12G02	12	G 1/4"	29,5	21,3	34,6	39,8	29,4	9,0	8,0	20,4	12
MSC12G03		G 3/8"	29,5	19,1	47,7	54,9	32,7	11,1	8,0	20,4	14
MSC12G04		G 1/2"	29,5	21,4	54,5	61,7	35,2	13,8	9,0	21,4	17



0°C ÷ 60°C

Working pressure:
10 Bar
Negative pressure:
- 0,95 Bar (- 95 kPa)

Pressure peaks do not exceed the max working pressure

Compressed air & vacuum
(do not use with water)

Polyamide PA,
Polyurethane PU,
Polyethylene PE

Manual flow adjustment and screwdriver

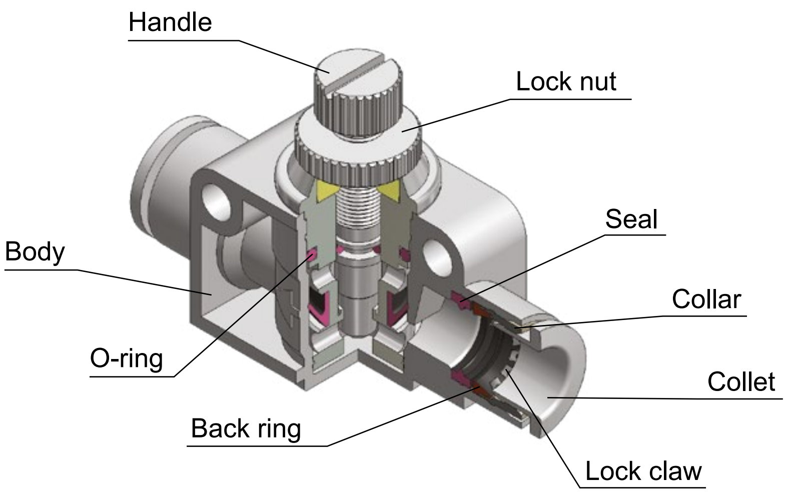
Body: PA66 & Nickel-plated brass
Collet: PA66
Collar: PA66
Lock claw: Stainless steel AISI 301
Back ring: POM
Seal: NBR
O-ring: NBR
Handle: Nickel-plated brass
Lock nut: Nickel-plated brass

SILICONE FREE

REACH COMPLIANT — Products in compliance with EC Regulation 1907/2006

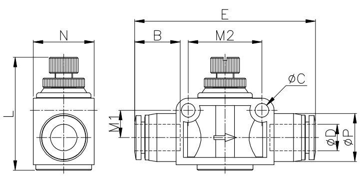
RoHS3 — Products in compliance with the directive EU 2015/863

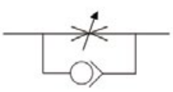
CONSTRUCTION DETAILS



MSF

Unidirectional flat flow regulator, in technopolymer, with handle regulation





CODE	ØD	ØP	L MIN	L MAX	E	N	ØC	B	M1	M2
MSF04	4	9,5	26,4	28,9	38,8	11,0	3,2	13,4	5,4	15,4
MSF06	6	11,5	33,5	37,9	46,5	15,0	4,3	15,0	7,8	20,4
MSF08	8	13,6	35,5	41,5	53,1	18,0	4,3	17,1	8,5	23,0
MSF10	10	16,4	40,7	48,7	60,4	22,5	4,3	18,9	10,6	27,6
MSF12	12	19,5	45,0	53,5	70,8	26,5	4,3	21,4	11,9	32,4

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