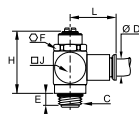


Metal Flow Control Regulators / With Recessed Adjustment

7130 Flow Regulator, Exhaust, Male BSPP and Metric Thread

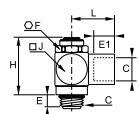
Nickel-plated brass, NBR



ØD	C		E	F	H	J	L	Kg
4	M5x0.8	7130 04 19	4	8	17	9	19	0.010
	G1/8	7130 04 10	5	13	29	15	20	0.037
6	M5x0.8	7130 06 19	4	8	17	9	24	0.013
	G1/8	7130 06 10	5	13	29	15	22	0.038
	G1/4	7130 06 13	8	17	31	18	24	0.062
8	G1/8	7130 08 10	5	13	29	15	25	0.042
	G1/4	7130 08 13	8	17	31	18	28	0.066
	G3/8	7130 08 17	7	20	40	21.5	29	0.109
10	G1/4	7130 10 13	8	17	31	18	30	0.075
	G3/8	7130 10 17	7	20	40	21.5	32	0.119
	G1/2	7130 10 21	8	23	53	28	34	0.227
12	G3/8	7130 12 17	7	20	40	22	36	0.064
	G1/2	7130 12 21	8	23	53	28	38	0.306

7140 Flow Regulator Exhaust, Male/Female BSPP and Metric Thread

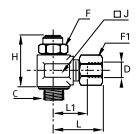
Nickel-plated brass, NBR



C		E	E1	F	H	J	L	Kg
M5x0.8	7140 19 19	4	4	8	21	9	11	0.009
G1/8	7140 10 10	5	8	13	32	15	17	0.039
G1/4	7140 13 13	8	12	17	39	18	24	0.073
G3/8	7140 17 17	7	12	20	47	21.5	27	0.124
G1/2	7140 21 21	8	15	23	61	28	31	0.238

7160 Flow Regulator with Brass Compression Fitting, Exhaust, Male BSPP Thread

Nickel-plated brass, NBR

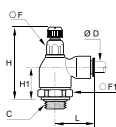


ØD	C		F	F1	H	J	L	L1	Kg
4	G1/8	7160 04 10	13	10	26	17	25.5	14.5	0.051
6	G1/8	7160 06 10	13	13	26	17	25.5	14.5	0.054
	G1/4	7160 06 13	17	13	31.5	22	28.5	17.5	0.101
8	G1/8	7160 08 10	13	14	26	17	29.5	15.5	0.055
	G1/4	7160 08 13	17	14	31.5	22	31	17	0.101
	G1/4	7160 10 13	17	19	31.5	22	35	19	0.117
10	G3/8	7160 10 17	20	19	44.5	22	37.5	19	0.190
	G1/2	7160 10 21	23	19	50	27	37.5	19	0.204
12	G1/2	7160 12 21	23	22	50	27	38	21.5	0.212

Metal Flow Control Regulators / With External Adjustment

7100 Compact Flow Regulator, Exhaust, Male BSPP Thread

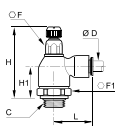
Nickel-plated brass, NBR



ØD	C		F	F1	H max	H min	H1	L	Kg
4	G1/8	7100 04 10	10	19	53	47	23	21	0.080
6	G1/8	7100 06 10	10	19	53	47	23	24.5	0.082
	G1/4	7100 06 13	10	19	53	47.5	23.5	24.5	0.085
8	G1/8	7100 08 10	14	19	55	50	24.5	29	0.097
	G1/4	7100 08 13	14	19	56	50	25	29	0.101
10	G3/8	7100 08 17	17	25	62	56	27	30.5	0.154
	G1/4	7100 10 13	14	19	56	50	25	35	0.106
12	G3/8	7100 10 17	17	25	62	56	27	35	0.157
	G3/8	7100 12 17	17	25	62	56	27	38	0.198
14	G1/2	7100 12 21	17	25	62	55	27	38	0.207
	G1/2	7100 14 21	17	25	62	55	27	41	0.205

7101 Compact Flow Regulator, Supply, Male BSPP Thread

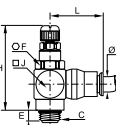
Nickel-plated brass, NBR



ØD	C		F	F1	H max	H min	H1	L	Kg
4	G1/8	7101 04 10	10	19	53	47	23	21	0.096
6	G1/8	7101 06 10	10	19	53	47	23	24.5	0.081
	G1/4	7101 06 13	10	19	53	47.5	23.5	24.5	0.084
8	G1/8	7101 08 10	14	19	55	50	24.5	29	0.097
	G1/4	7101 08 13	14	19	56	50	25	29	0.101
10	G3/8	7101 08 17	17	25	62	56	27	30.5	0.155

7680 Compact Flow Regulator, Exhaust, Male BSPP Thread

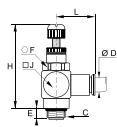
Nickel-plated brass, NBR



ØD	C		E	F	H max	H min	J	L	Kg
6	G1/8	7680 06 10	5	13	44	39	7.5	24.5	0.045
8	G1/8	7680 08 10	5	13	44	39	7.5	24.5	0.047
	G1/4	7680 08 13	8	17	47	41	9	27	0.076
10	G3/8	7680 10 17	7	20	60	50	11	34	0.133
12	G1/2	7680 12 21	8	23	77	65	14	36.5	0.165

7180 Miniature Flow Regulator Exhaust, Male BSPP and Metric Thread

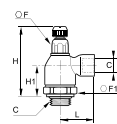
Nickel-plated brass, NBR



ØD	C		E	F	H max	H min	J	L	Kg
4	M5x0.8	7180 04 19	4	8	29	24	10	19	0.012
	G1/8	7180 04 10	5	13	44	39	15	20	0.041
6	M5x0.8	7180 06 19	4	8	29	24	10	24	0.015
	G1/8	7180 06 10	5	13	44	39	15	22	0.043
8	G1/8	7180 08 10	5	13	44	39	15	26	0.049

7110 Compact Flow Regulator Exhaust, Male/Female BSPP Thread

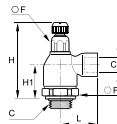
Nickel-plated brass, NBR



C		F	F1	H max	H min	H1	L	Kg
G1/8	7110 10 10	10	19	52.5	47	23	22.5	0.080
G1/4	7110 13 13	14	19	55.5	50.5	25	32	0.107
G3/8	7110 17 17	17	25	62	56	27	34.5	0.212
G1/2	7110 21 21	17	25	62	55	27	37.5	0.191

7111 Compact Flow Regulator Supply, Male/Female BSPP Thread

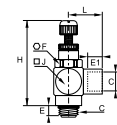
Nickel-plated brass, NBR



C		F	F1	H max	H min	H1	L	Kg
G1/8	7111 10 10	10	19	52.5	47	23	22.5	0.079
G1/4	7111 13 13	14	19	55.5	50.5	25	32	0.108

7190 Miniature Flow Regulator Exhaust, Male/Female BSPP and Metric Thread

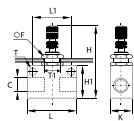
Nickel-plated brass, NBR



C		E	E1	F	H max	H min	J	L	Kg
M5x0.8	7190 19 19	4	4	8	29	24	10	11	0.012
G1/8	7190 10 10	5	8	13	44	39	15	17	0.044

7170 Panel-Mountable In-Line Flow Regulator, Female BSPP and Metric Thread

Treated aluminium, NBR, brass



C		F	H max	H min	H1	K	L	L1	ØT	Kg
M5x0.8	7170 19 19	12	42	38	15	12	25	18	4.5	0.021
G1/8	7170 10 10	15	56	49	22	18	35	24.7	4.5	0.056
G1/4	7170 13 13	15	64	57	30	20	46	35	6.5	0.088
G3/8	7170 17 17	22	73	62	30	25	50	35	6.5	0.154
G1/2	7170 21 21	22	83	72	40	25	60	44	6.5	0.195

Metal Flow Control Regulators / Stainless Steel



With its 316L stainless steel body and adjustment screw, this range combines precise adjustment, accuracy and compactness for applications in environments with high mechanical or chemical constraints.

Technical Characteristics

Compatible Fluids	Compressed air 7822: all compatible fluids depending on whether FKM or PTFE seals are used
Working Pressure	7810-7812: 1 to 10 bar 7820: 1 to 16 bar 7822: 1 to 40 bar
Working Temperature	7810 - 7812: 0°C to +70°C 7820 - 7822: -15° to +120°C

Advantages

- Compatibility with aggressive, mechanical and chemical environments

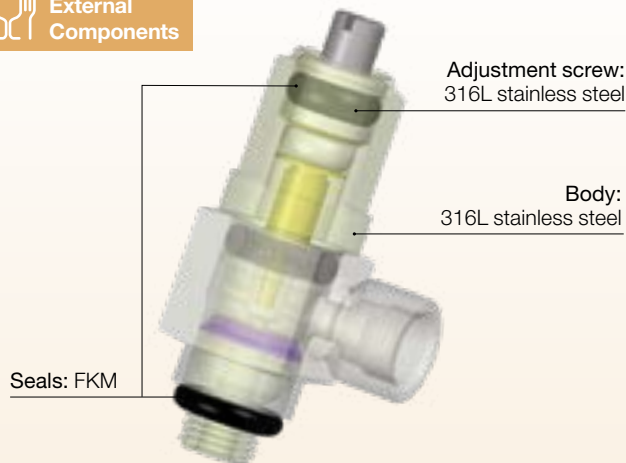
For food process applications:

- Guarantees the integrity of the fluids conveyed
- Easy-to-clean

Component Materials



External Components

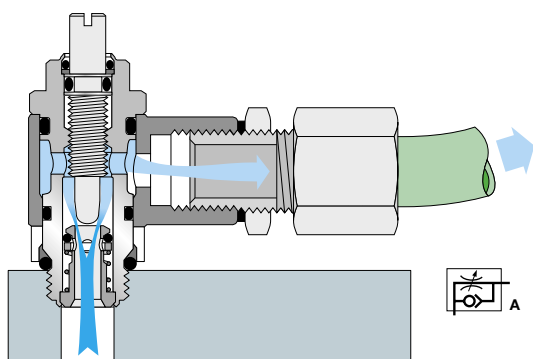


Regulations

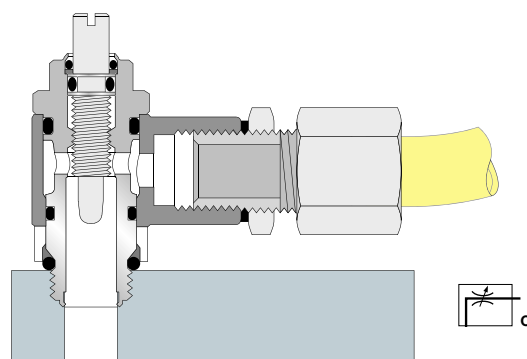
- RoHS
- REACH
- PED
- FDA: 21 CFR
- 1935/2004

Operation

Exhaust Model with External Adjustment

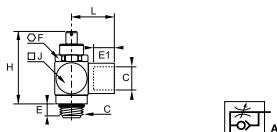


Bi-Directional Model with External Adjustment



7810 Flow Regulator Exhaust, Male/Female BSPP and Metric Thread

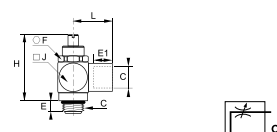
Stainless steel 316L, FKM



C		E	E1	F	H max	H min	J	L	Kg
M5x0.8	7810 19 19	4	4	8	26	22	9	11	0.011
G1/8	7810 10 10	6	8	13	38	32	15	17	0.039
G1/4	7810 13 13	9	12	17	40	35	18	24	0.072
G3/8	7810 17 17	8	12	20	53	43	22	27	0.126
G1/2	7810 21 21	9	15	23	71	60	28	31	0.261

7812 Bi-Directional Flow Regulator, Male/Female BSPP and Metric Thread

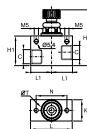
Stainless steel 316L, FKM



C		E	E1	F	H max	H min	J	L	Kg
M5x0.8	7812 19 19	4	4	8	26	22	9	11	0.011
G1/8	7812 10 10	6	8	13	38	32	15	17	0.040
G1/4	7812 13 13	9	12	17	40	35	18	24	0.074
G3/8	7812 17 17	8	12	20	53	43	22	24	0.125
G1/2	7812 21 21	9	15	23	71	60	28	31	0.261

7820 In-Line One-Way Flow Regulator, Female BSPP Thread

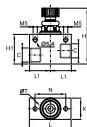
Stainless steel 316L, FKM



DN	C		H max	H min	H1	K	L	L1	N	ØT	Kg
7	G1/8	7820 00 10	52.5	47	30	20	40	20	30	20	0.174
7	G1/4	7820 00 13	52.5	47	30	20	40	20	30	20	0.164
9	G3/8	7820 00 17	65	56	35	25	50	25	36	20	0.285
12	G1/2	7820 00 21	65	58	35	25	50	25	36	20	0.305

7822 Bi-Directional In-Line Flow Regulator, Female BSPP Thread

Stainless steel 316L, FKM



DN	C		H max	H min	H1	K	L	L1	N	ØT	Kg
7	G1/8	7822 00 10	52.5	48	30	20	40	20	30	20	0.176
7	G1/4	7822 00 13	52.5	48	30	20	40	20	30	20	0.164
9	G3/8	7822 00 17	65	58	35	25	50	25	36	20	0.289
12	G1/2	7822 00 21	87	76	40	30	60	30	42	30	0.265