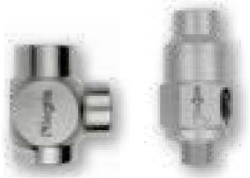


Metal Quick Exhaust Valves



This range of metal quick exhaust valves is offered in nickel-plated brass, aluminium and stainless steel. The exhaust into the atmosphere accelerates the return speed of the cylinder rod.

Technical Characteristics

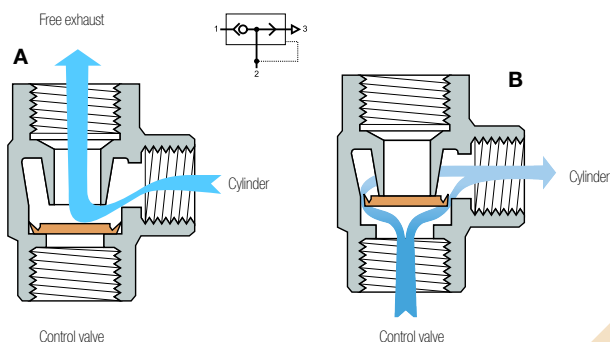
- **Compatible Fluids:** Compressed air
- **Working Pressure:** 7970: 0.7 to 10 bar
7971 and 7899: 2 to 10 bar
- **Working Temperature:** 7970: -20°C to +70°C
7971: -10°C to +70°C
7899: Threads G1/8 and G1/4: -10°C to +120°C
Threads G3/8 to G1: -20°C to +180°C

Advantages

- Cycle time reduction: increased return speed
- Exhaust silencer integrated and 360° orientation available on some versions

Operation

Mounted on Cylinder

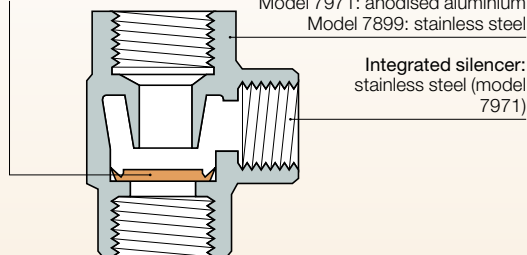


Component Materials

Silicone-free

Lip seals:
7970-7971: polyurethane elastomer
7899: - G1/8 and G1/4 FKM
- G3/8 to G1, polyurethane

Body:
Model 7970: nickel-plated brass
Model 7971: anodised aluminium
Model 7899: stainless steel

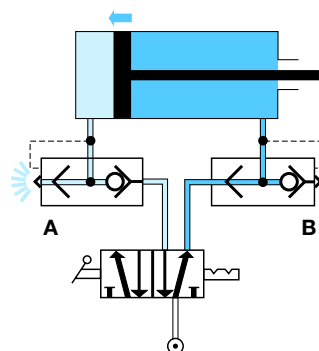


Integrated silencer:
stainless steel (model 7971)

Regulations

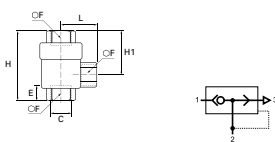
- RoHS
- REACH
- PED

Installation Diagram



7970 Elbow Quick Exhaust Valve, Female BSPP and Metric Thread

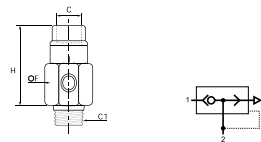
Nickel-plated brass



C	E	F	H	H1	L	Kg
M5x0.8 7970 19 19	5	10	24.8	15.6	4	0.029
G1/8 7970 10 10	7.5	14	42	28	8	0.084
G1/4 7970 13 13	11	19	53	34.5	11	0.150
G3/8 7970 17 17	12	21	58	36	12	0.153
G1/2 7970 21 21	14	26	71	44	14	0.312
G3/4 7970 27 27	16	32	86	52	18	0.449
G1 7970 34 34	19	38	94	56	19	0.528

7971 Elbow Quick Exhaust Valve, Male BSPT/ Female BSPP Thread

Treated aluminium



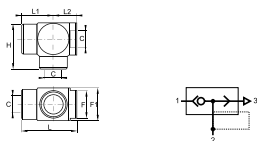
C	C1	F	H	Kg	
G1/8	R1/8	7971 10 10	18	51	0.013
G1/4	R1/4	7971 13 13	18	49	0.018
G3/8	R3/8	7971 17 17	27	56	0.048
G1/2	R1/2	7971 21 21	34	70	0.086

Noise level:
7971 10 10: 70 dBa
7971 13 13: 70 dBa
7971 17 17: 72 dBa
7971 21 21: 88 dBa

Metal Quick Exhaust Valves

7899 Quick Exhaust Valve, Female BSPP Thread

Stainless steel 316L



DN	C		F	F1	H	L	L1	L2	Kg
7	G1/8	7899 00 10	17	22	31.5	37.5	21	16.5	0.096
	G1/4	7899 00 13	17	22	31.5	37.5	21	16.5	0.083
9	G3/8	7899 00 17	22	26	37	44.5	25.5	19	0.140
12	G1/2	7899 00 21	27	32	45	54	31	23	0.235
18	G3/4	7899 00 27	38	46	65	79	44	35	0.800
	G1	7899 00 34	38	46	65	79	44	35	0.667

Noise level:
 7971 10 10: 70 dBa
 7971 13 13: 70 dBa
 7971 17 17: 72 dBa
 7971 21 21: 88 dBa

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