

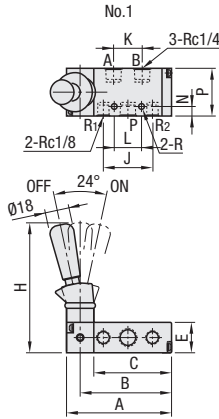
Manually Operated Valves / Silencers

Grip Type

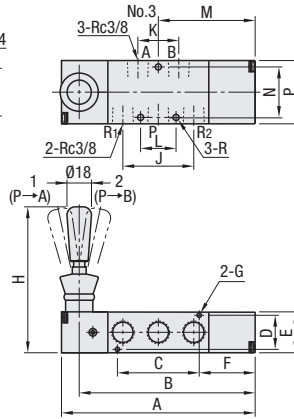


RoHS10

MSHBA1 MSHBG1



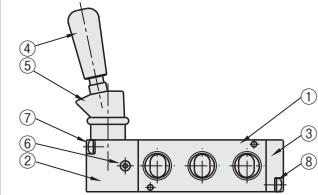
MSHBA3 MSHBG3



Specifications

Applicable Fluid	Air
Operating Temp. Range	5 ~ 60°C
Operating Pressure Range	0-0.9MPa

Components



Component List

Part Number	Name	Quantity	Material
①	Main Body	1	A6061
②	Pilot Body	1	A6061
③	End Cover	1	(No.1)POM (No.3)A6061
④	Hand Lever	1	POM
⑤	Dust Cover	1	NBR
⑥	Set Screw	2	Carbon Steel
⑦	Screw for Pilot Body	2	Carbon Steel
⑧	End Cover Screw	2	Carbon Steel

Part Number Type	No.	Direction	Number of Ports	Number of Positions	Pipe Connection Bore Dia.		Effective Sectional Area (mm ²)	A B C D E F G H J K L M N P R												Mass (g)	Unit Price		
					IN	OUT		EX	A	B	C	D	E	F	G	H	J	K	L			M	N
MSHBA	1	4	5	2	Rc1/4	Rc1/8	18	77	67	57	-	22.3	-	-	95	36	21	20	-	7	35	4.2	200
	3				Rc3/8	Rc3/8	34	114	101.5	60	25	30	17	3.2	107	52	30	26	47	37	46.4	4.5	440
	1				Rc1/4	Rc1/8	16	97	86.5	71	-	22.3	-	-	95	36	21	20	-	7	35	4.2	240
MSHBG	1	4	5	3	Rc3/8	Rc3/8	34	142	129	60	25	30	41	3.2	107	52	30	26	71	37	46.4	4.5	490
	3				Rc3/8	Rc3/8	34	142	129	60	25	30	41	3.2	107	52	30	26	71	37	46.4	4.5	490

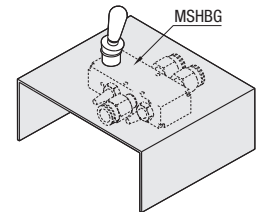


Ordering Example
Part Number
MSHBA1
MSHBG3

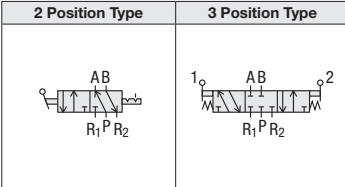
Features: Ensured switching with a lever irrespective of pressure.

MSHBA: Lever position is held at switching point. Air is sure to flow into either A or B port.

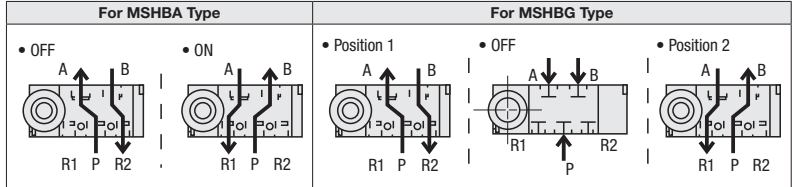
MSHBG: Lever returns to the middle position (blocking air) when released. (Cannot abruptly stop cylinder due to its residual pressure.)



JIS Symbol



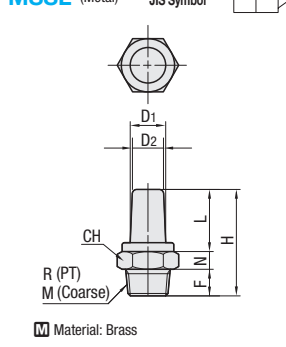
Air Flow



Silencers

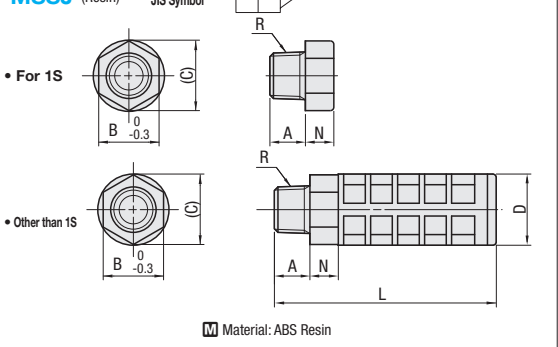


MSSL (Metal)



Material: Brass

MSSJ (Resin)



Material: ABS Resin

Metal Silencers

Part Number Type	No.	R (PT) M (Coarse)	D1	D2	N	F	L	H	CH (Wrench Flats)	Effective Sectional Area (mm ²)	Unit Price
MSSL	1	R1/8	8	7	4	6	14	24	12	20	
	2	R1/4	12	10	4	8	18	30	16	45	
	3	R3/8	14	11	5	9	21	35	18	86	
	4	M5	5	4	3	5	12	20	8	2	
	5	M5	5	4	3	5	12	20	8	2	

Resin Silencers

Part Number Type	No.	R	A	B	(C)	D	L	N	Effective Sectional Area (mm ²)	Unit Price
MSSJ	1	R1/8	7	14	16.3	16.1	33	7	12	
	1S	R1/8	10	10	11.5	-	-	6	12	
	2	R1/4	10	17	19.6	20.1	62.5	8	40	
	2S	R1/4	10	14	16.2	16	36	7	20	
	3	R3/8	12	24	26	26.3	68	11	63	



Ordering Example
Part Number
MSSJ2