

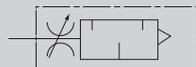


Metering valve with silencer

SMW-FP1 Series

● Port size: R3/8/R1/2

JISCode



Specifications

Item	SMW-10A		SMW-15A	
Working fluid	Compressed air			
Max. working pressure MPa	0.7			
Min. working pressure MPa	0			
Proof pressure MPa	1.05			
Fluid temperature °C	5 to 60 (no freezing. *3)			
Ambient temperature °C	-10 to 60 (no freezing)			
Port size	R	3/8		1/2
Weight	g	125		170
Cylinder bore size	mm	ø50 to ø100		ø50 to ø100
Dial value (needle position)		19		19
Noise reduction effect*2	dB			
		20 and over		
Flow rate *1 L/min (ANR)		1700		2600
Effective cross-sectional area mm ²		25		39

*1: Flow rate is the atmospheric pressure conversion at 0.5MPa.

*2: Noise reduction effect at maximum flow rate is shown.

*3: Freezing may occur due to adiabatic expansion depending on the air quality (dew point).

How to order

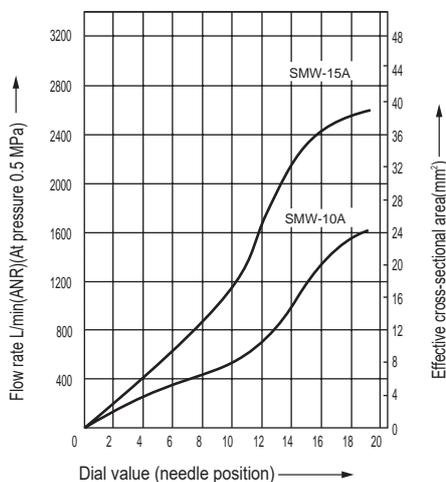
SMW - 10A - FP1

● Port size

Code	Description
A Port size	
10A	R 3/8
15A	R 1/2

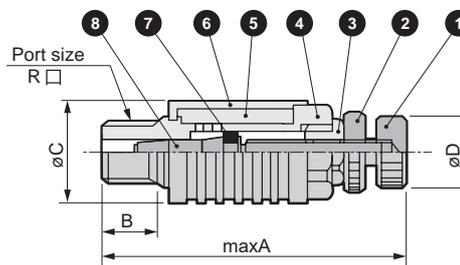
Flow characteristics

● SMW-10A/15A



Internal structure and parts list/Dimensions

● SMW-10A/15A



Model No.	A	B	C	D	Port size
SMW-10A	85	12	25	16	R3/8
SMW-15A	98	15	28	16	R1/2

No.	Part name	Material	No.	Part name	Material
1	Knob	Copper alloy	5	Sound absorbent material	Felt
2	Lock nut	Copper alloy	6	Cover	Polyamide resin
3	Gland nut	Copper alloy	7	O-ring	Nitrile rubber
4	Shaft body	Copper alloy	8	Spindle	Copper alloy

For dimensions, refer to the SMW Series in "Pneumatic, Vacuum and Auxiliary components (CB-024SA)".