

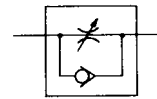
Series SPM

Speed Controller/Threaded Elbow Type(Metal Version)



- Minimizes Installation Time and Cost
- Body Swivels 360°
- Speed Can be Accurately Controlled Even at Low Speeds
- Constant Speed is Easily Set

Symbol



SQ

SP

SPM

ST

SN

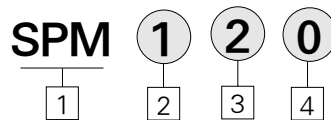
SF

USF

W~

TPC

How to Order



1 Speed Controller
(Threaded Elbow Type)

2 Port Size
1 : Rc(PT) 1/8
2 : Rc(PT) 1/4
3 : Rc(PT) 3/8
4 : Rc(PT) 1/2

3 Type
2 : Direct connection type

4 Controll Method
0 : Meter-Out
1 : Meter-In

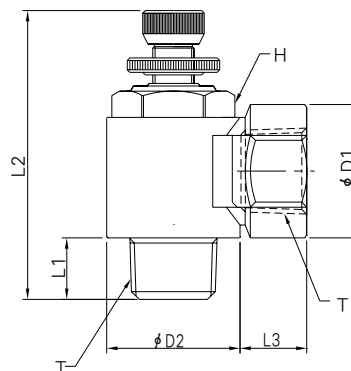
Specifications

Model		SPM12□	SPM22□	SPM32□	SPM42□	
Port Size	Cylinder	Rc(PT) 1/8	Rc(PT) 1/4	Rc(PT) 3/8	Rc(PT) 1/2	
	Tube	Rc(PT) 1/8	Rc(PT) 1/4	Rc(PT) 3/8	Rc(PT) 1/2	
Proof Pressure		10.5 kgf/cm ² {1.05MPa}				
Max. Operating Pressure		7 kgf/cm ² {0.7MPa}				
Min. Operating Pressure		1 kgf/cm ² {0.1MPa}				
Ambient and Fluid Temperature		5~60℃				
Number of Needle Rotations		8 turns				
Weight (lbf)		36	74	141	238	
Flow	Free	Flow Rate (N l /min)	280	420	840	1680
		Effective Orifice(mm ²)	4	6.5	13	25.8
	Control	Flow Rate (N l /min)	190	240	840	1680
		Effective Orifice(mm ²)	2.9	3.7	13	25.8

Speed Controller

Dimensions

Casting Type

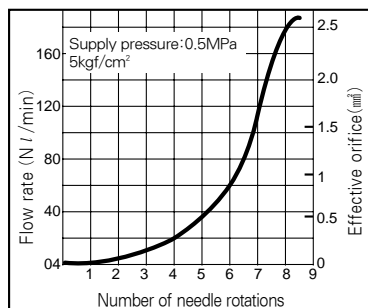


Unit: mm

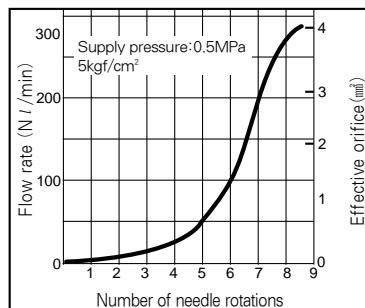
Model	T (Thread)	H	L1	L2		L3	D1	D2
				Min.	Max.			
SPM120	PT1/8	14	8	40.3	46.4	9.2	15.7	15
SPM220	PT1/4	17	12.2	45.3	49.4	12	20	20
SPM320	PT3/8	21	12.6	52.4	58.5	13	26	26
SPM420	PT1/2	24	15.5	56.3	63.9	24.2	28.6	27.5
SPM121	PT1/8	14	8	40.3	46.4	9.2	15.7	15
SPM221	PT1/4	17	12.2	45.3	49.4	12	20	20
SPM321	PT3/8	21	12.6	52.4	58.5	13	26	26
SPM421	PT1/2	24	15.5	56.3	63.9	24.2	28.6	27.5

Flow Characteristics

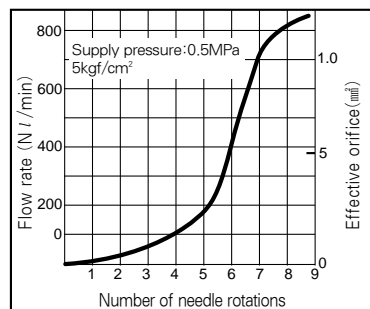
SPM12 □



SPM22 □



SPM32 □



SPM42 □

