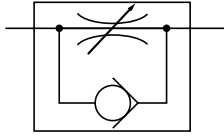


SPEED CONTROLLERS KSC SERIES

NPT1/4 ~ NPT1

- Easy to adjust flow rate.
- Maintain stable flow rate.
- Compact and easy mounting.

Symbol



KSC41-F11



KSC22-F11



KSC8-F11

Specifications

Item	Model	KSC22-F11	KSC21-F11	KSC31-F11	KSC41-F11	KSC6-F11	KSC8-F11
Port size	NPT	1/4		3/8	1/2	3/4	1
Effective area	mm ²	10 [0.56]	32 [1.78]	38 [2.11]	38 [2.11]	67 [3.72]	90 [5]
	[Cv]	6.5 [0.36]	22 [1.22]	22 [1.22]	22 [1.22]	62 [3.44]	103 [5.72]
Operating pressure range	MPa [psi.]	0.9 [131]					
Proof pressure	MPa [psi.]	1.3 [189]					
Cracking pressure	MPa [psi.]	0.02 [2.9]			0.01 [1.5]		
Operating temperature range	°C [°F]	5 ~ 60 [41 ~ 140]					
Mass	g [oz.]	130 [4.59]	420 [14.8]		960 [33.9]	880 [31.0]	
Body material		Zinc die-casting	Aluminum die-casting				

Order Codes

□ — F11

Model

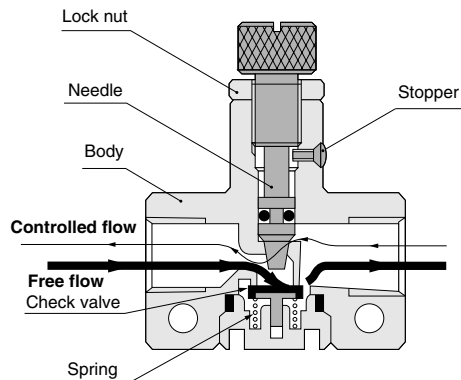
KSC22 KSC41

KSC21 KSC6

KSC31 KSC8

Inner Construction and Major Parts

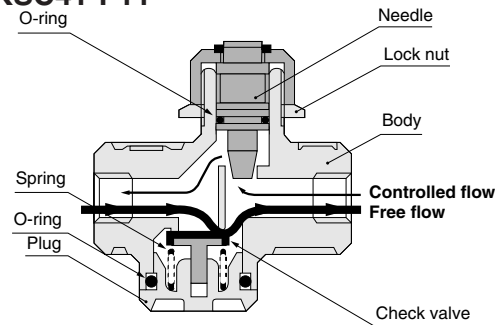
● KSC22-F11



● KSC21-F11

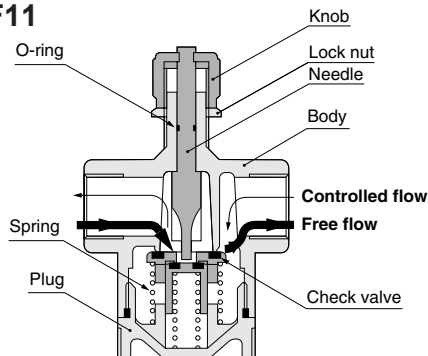
● KSC31-F11

● KSC41-F11



● KSC6-F11

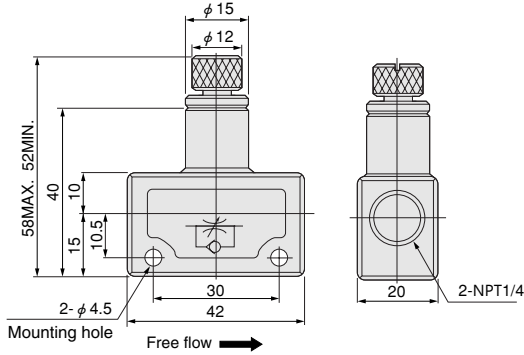
● KSC8-F11



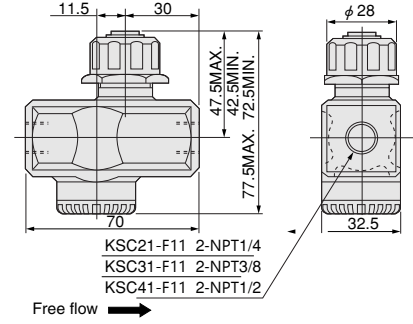
Note: In **KSC6** and **KSC8**, turning the knob clockwise increases the controlled flow rate, while turning the knob counterclockwise reduces it.
(For all other models, this is reversed.)

Dimensions (mm)

● KSC22-F11

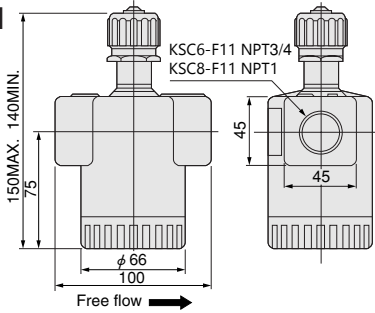


● KSC21-F11 ● KSC31-F11 ● KSC41-F11



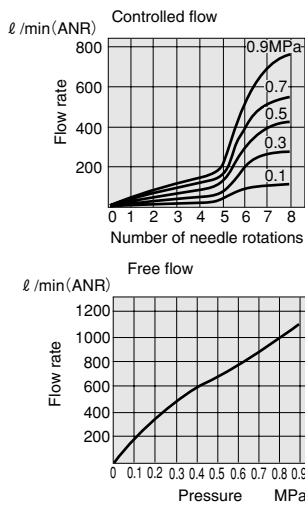
● KSC6-F11

● KSC8-F11

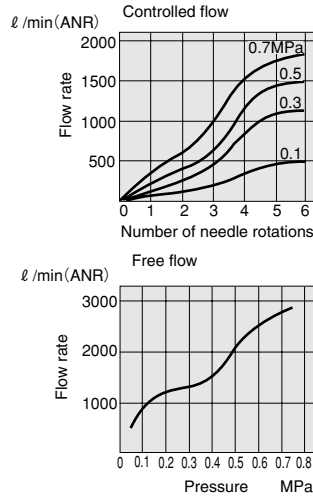


Flow Rate Characteristics

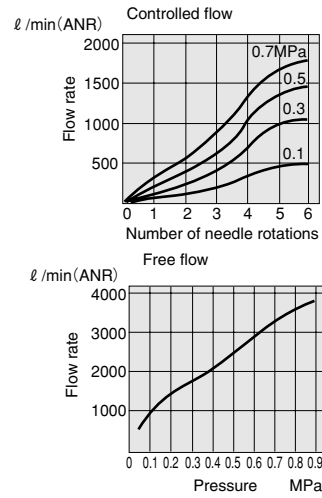
● KSC22-F11



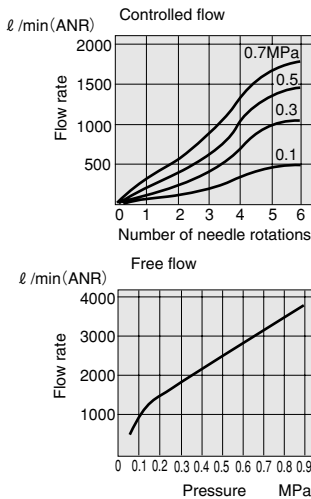
● KSC21-F11



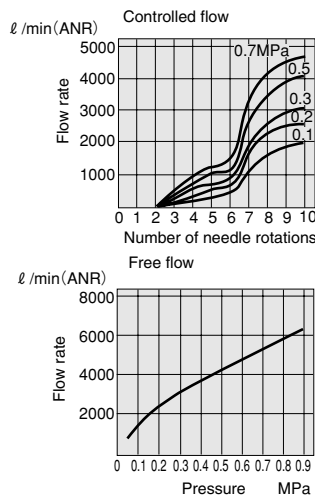
● KSC31-F11



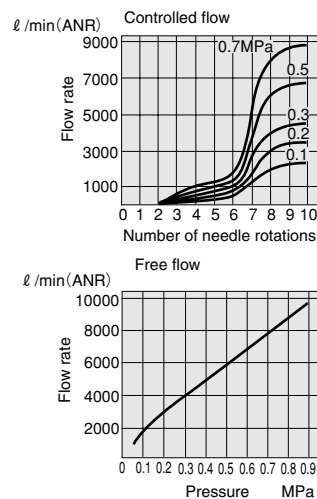
● KSC41-F11



● KSC6-F11



● KSC8-F11



1MPa = 145psi.
1 l/min = 0.0353ft³/min.