



Check valve (nozzle)

CCN-FP2 Series

● Working pressure range: 0.05 to 1.0MPa



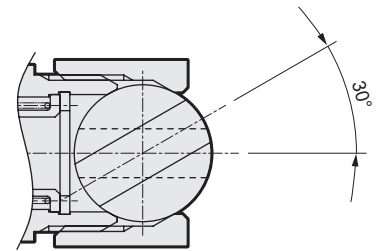
Specifications

Item	CCN	
Working fluid	Water/oil/other non-corrosive fluids (*1)	
Fluid viscosity mm ² /s	500 or less	
Max. working pressure MPa	1.0	
Proof pressure (water pressure) MPa	2.0	
Fluid temperature °C	-10 to 60 (no freezing) (During 130°C steam sterilization for 20 mins or less)	
Ambient temperature °C	-10 to 60	
Cracking pressure kPa	25 (reference value) (*2)	
Closing pressure kPa	10 (water head: 1 m)	
Port size	R1/4, G1/4, 1/4NPT	R3/8, G3/8, 3/8NPT
Weight kg	0.05	0.06
Orifice size mm	5	6
Mounting orientation	Unrestricted (*3)	

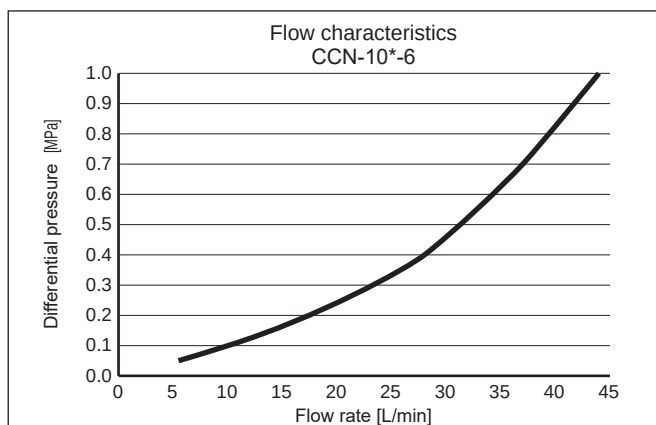
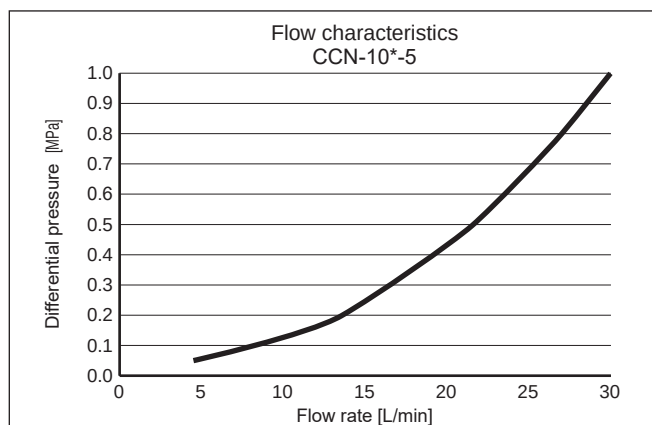
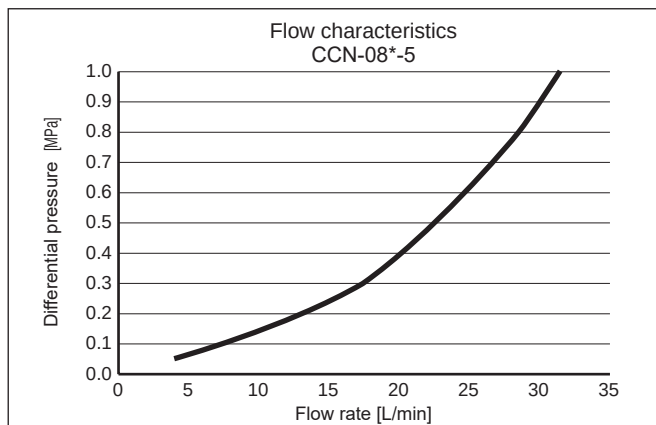
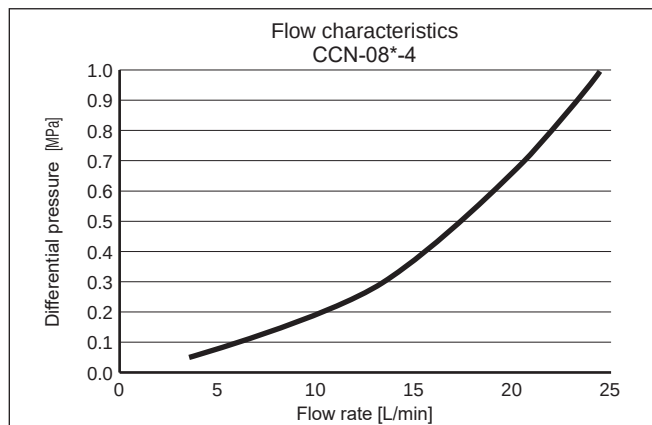
*1: Stainless steel (chrome plating), liquid that does not affect fluoro rubber

*2: Cracking pressure indicates the pressure permitting a 5mL/min (air) flow rate.
It may become higher depending on the fluid type and viscosity.When the valve is used for the first time after being unused for long periods,
the initial cracking pressure may be higher than normal.

*3: Adjust the nozzle by 30° is possible. (when OUT side port size is selected: 4, 5 or 6)



Flow characteristics



* These are reference values based on CKD test conditions.

Note that the flow characteristics may differ depending on the piping conditions.

How to order

CCN - 08F - 4 - FP2

A IN side port size

B OUT side port size

Code	Description						
A IN side port size							
08F	R 1/4						
10F	R 3/8						
08G	G1/4 (male thread)						
10G	G3/8 (male thread)						
08H	1/4NPT (male thread)						
10H	3/8NPT(male thread)						
B OUT side port size							
		08F	10F	08G	10G	08H	10H
4	ø4	●		●		●	
5	ø5	●	●	●	●	●	●
6	ø6		●		●		●
A	Rc1/4	●	●				
B	R 1/4	●	●				
C	G1/4 (female thread)			●	●		
D	G1/4 (male thread)			●	●		
E	1/4NPT (female thread)					●	●
F	1/4NPT (male thread)					●	●

Electric actuator	Pneumatic cylinders	Assistive device	Pneumatic valves	FR/L Auxiliary Components Electronic Component	Vacuum components	Main line components	Fluid control valves	Main line components	Anti-bacterial/ bacteria-removing filter	Vacuum components	Fluid control valves

Refer to the CCN Series of "Check valve (nozzle) CCN Series (CC-1440A)" for dimensions and safety precautions.