

Speed Controls

Feature

- Accurate regulation of an optimal airflow rate for precise motion control.
- Compact and space-saving configuration provides a functionally wide range of airflow rates.
- Available in control method type for metering of unidirectional airflow either entering into or exhausting out of a driving device.

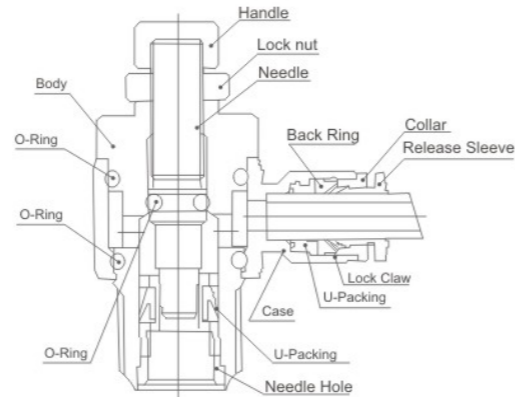
Specification

Fluid Type	Air, Vacuum
Operating Pressure	0~10.2Kgf/cm ² (0~1.0Mpa)
Negative Pressure	-750mm Hg(10Torr)
Operating Temperature Range	0~60°C
Tube Material	Nylon and Polyurethane

Ordering Code

XJSC	08	02					
(1)	(2)	(3)					
(1) Model Type							
(2) Tube Outer Diameter(φD)							
Metric Size							
Code	04	06	08	10	12	14	16
φD	4mm	6mm	8mm	10mm	12mm	14mm	16mm

Construction



(3) Thread Type & Size

	Metric Size		R(PT)Thread			
Code	M5	M6	01	02	03	04
φD	M5×0.8	M6×1	R1/8"	R1/4"	R3/8"	R1/2"

	G(PF)Thread			
Code	G01	G02	G03	G04
Size	G1/8"	G1/4"	G3/8"	G1/2"

XJSC	MODEL(φD-T)					
	Tube(Metric)-Thread(R)		Tube(Inch)-Thread(R)		Tube(Inch)-Thread(NPT)	
	XJSC 04-M5	XJSC 06-04	XJSC 10-03	XJSC 1/4-M5	XJSC 5/16-02	XJSC 5/32-U XJSC 1/4-N1 XJSC 3/8-N2
	XJSC 04-01	XJSC 08-01	XJSC 10-04	XJSC 1/4-01	XJSC 5/16-03	XJSC 5/32-N1 XJSC 1/4-N2 XJSC 3/8-N3
	XJSC 04-02	XJSC 08-02	XJSC 12-02	XJSC 1/4-02	XJSC 3/8-02	XJSC 3/16-U XJSC 1/4-N3 XJSC 3/8-N4
	XJSC 06-M5	XJSC 08-03	XJSC 12-03	XJSC 5/16-01	XJSC 3/8-03	XJSC 3/16-N1 XJSC 5/16-N1 XJSC 1/2-N3
	XJSC 06-01	XJSC 08-04	XJSC 12-04			XJSC 3/16-N2 XJSC 5/16-N2 XJSC 1/2-N4
	XJSC 06-02	XJSC 10-01				XJSC 3/16-N3 XJSC 5/16-N3
	XJSC 06-03	XJSC 10-02				XJSC 1/4-U XJSC 5/16-N4

XJSC-G	MODEL(φD-T)	XPA	MODEL(φD)
	Tube(Metric)		Tube(Metric)
	XJSC04-G01 XJSC08-G02 XJSC12-G02		XPA 04 XPA 5/32
	XJSC04-G02 XJSC08-G03 XJSC12-G03		XPA 06 XPA 3/16
	XJSC06-G01 XJSC08-G04 XJSC12-G04		XPA 08 XPA 1/4
	XJSC06-G02 XJSC10-G01		XPA 10 XPA 5/16
	XJSC06-G03 XJSC10-G02		XPA 12 XPA 3/8
	XJSC06-G04 XJSC10-G03		XPA 1/2
	XJSC08-G01 XJSC10-G04		

XSS	MODEL(φD-T)	XSS-G	MODEL(φD-T)
	Tube(Metric)		Tube(Metric)
	XSS04-01 XSS1/4-N01		XSS04-G01
	XSS04-02 XSS1/4-N02		XSS04-G02
	XSS06-01 XSS5/16-N01		XSS06-G01
	XSS06-02 XSS5/16-N02		XSS06-G02
	XSS08-01 XSS3/8-N02		XSS08-G01
	XSS08-02 XSS3/8-N03		XSS08-G02
	XSS10-02 XSS1/2-N02		XSS10-G02
	XSS10-03 XSS1/2-N03		XSS10-G03
	XSS12-03		XSS12-G02
			XSS12-G03

Mini Fittings

Feature

- Ideal for pneumatic connections specifically for small and compact equipments.
- Aesthetically pleasing nickel-plated metallic standardized feature for all applicable compact fittings.

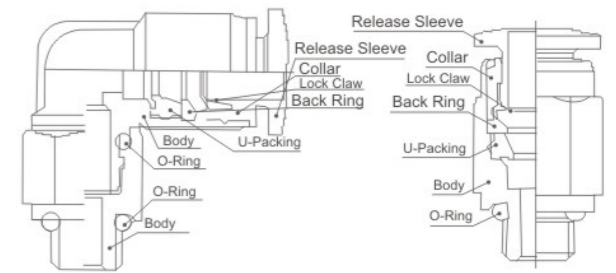
Specification

Fluid Type	Air, Vacuum
Operating Pressure	0~10.2Kgf/cm ² (0~1.0Mpa)
Negative Pressure	-750mm Hg(10Torr)
Operating Temperature Range	0~60°C
Tube Material	Nylon and Polyurethane

Ordering Code

XPC	08	02	C
(1)	(2)	(3)	(4)
(1) Model Type			
(2) Tube Outer Diameter(φD)			
Metric Size			
Code	03	04	06
φD	3mm	4mm	6mm

Construction



(3) Thread Type & Size

	Metric Size		
Code	M3	M5	M6
φD	M3×0.5	M5×0.8	M6×1

	R(PT)Thread	
Code	01	G01
Size	R1/8"	G1/4"




(4) Compact Type

XPC-C	MODEL(φD-T)	XPB-C	MODEL(φD1-T)
	Tube(Metric)		Tube(Metric)
	XPC03-M3C XPC04-01C		XPB03-M3C XPB04-01C
	XPC03-M5C XPC06-M5C		XPB03-M5C XPB06-M5C
	XPC03-M6C XPC06-M6C		XPB03-M6C XPB06-M6C
	XPC04-M3C XPC06-01C		XPB04-M3C XPB06-01C
	XPC04-M5C		XPB04-M5C
	XPC04-M6C		XPB04-M6C

XPCF-C	MODEL(φD-T)	XPD-C	MODEL(φD-T)
	Tube(Metric)		Tube(Metric)
	XPCF03-M3C XPCF04-01C		XPD03-M3C XPD04-01C
	XPCF03-M5C XPCF06-M5C		XPD03-M5C XPD06-M5C
	XPCF03-M6C XPCF06-M6C		XPD03-M6C XPD06-M6C
	XPCF04-M3C XPCF06-01C		XPD04-M3C XPD06-01C
	XPCF04-M5C		XPD04-M5C
	XPCF04-M6C		XPD04-M6C

XPOC-C	MODEL(φD-T)	XPLL-C	MODEL(φD-T)
	Tube(Metric)		Tube(Metric)
	XPOC03-M3C XPOC04-01C		XPLL03-M3C XPLL04-01C
	XPOC03-M5C XPOC06-M5C		XPLL03-M5C XPLL06-M5C
	XPOC03-M6C XPOC06-M6C		XPLL03-M6C XPLL06-M6C
	XPOC04-M3C XPOC06-01C		XPLL04-M3C XPLL06-01C
	XPOC04-M5C		XPLL04-M5C
	XPOC04-M6C		XPLL04-M6C

Mini Fittings

XPL-C	MODEL(φ D-T)	XPE-C	MODEL(φ D)	XPU-C	MODEL(φ D)
	Tube(Metric)		Tube(Metric)		Tube(Metric)
	XPL03-M3C XPL04-01C		PE 03C		XPU03C
	XPL03-M5C XPL06-M5C		PE 04C		XPU04C
	XPL03-M6C XPL06-M6C		PE 06C		XPU06C
	XPL04-M3C XPL06-01C				
	XPL04-M5C				
XPL04-M6C					

XPY-C	MODEL(φ D)	XPUL-C	MODEL(φ D)	XPC-G-C	MODEL(φ D-T)
	Tube(Metric)		Tube(Metric)		Tube(Metric)
	XPY 03C		XPUL 03C		PC 04-G01C
	XPY 04C		XPUL 04C		PC 04-G01C
	XPY 06C		XPUL 06C		

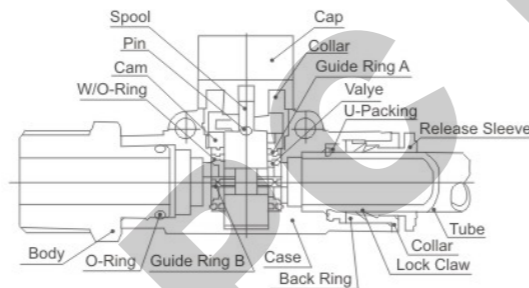
XPG-C	MODEL(φ D1-φ D2)	XPL-G-C	MODEL(φ D-T)	XPW-C	MODEL(φ D1-φ D2)
	Tube(Metric)		Tube(Metric)		Tube(Metric)
	XPG 04-03C		PL 04-G01C		XPW 04-03C
	XPG 06-03C		PL 04-G01C		XPW 06-03C
	XPG 06-04C				XPW 06-04C

Hand Valve

Feature

- The source of pressure can completely shut off by simply turning the knob.
- Three-way directional control configuration releases the residual internal pressure on the output side when manually Closed.
- Idea for inspecting or repairing any devices without compromising the safety.
- Directionality of airflow may be selected from the tubing or threaded input side to the tubing or threaded output side.

Construction



Specification


Fluid Type	Air, Vacuum
Operating Pressure	0~10.2Kg/cm ² (0~1.0Mpa)
Negative Pressure	-750mm Hg(1.0Torr)
Operating Temperature Range	0~60℃
Tube Material	Nylon and Polyurethane


Ordering Code


XHVFF	08	02	Metric Size					
(1)	(2)	(3)	Code	M5	M6	M8		
(1)Model Type			φ D	M5×0.8	M6×1	M8×1		
(2)Tube Outer Diameter(φ D)			(3)Thread Type & Size					
Metric Size			Metric Size					
Code	04	06	08	10	12	14	16	
φ D	4mm	6mm	8mm	10mm	12mm	14mm	16mm	
R(P/T)Thread			G(PF)Thread					
Code	01	02	03	04	G01	G02	G03	G04
Size	R1/8"	R1/4"	R3/8"	R1/2"	G1/8"	G1/4"	G3/8"	G1/2"

Hand Valve/Ball Valve

XHVFF	MODEL(φ D1-φ D2)	XHVSS	MODEL(T1-T2)
	Tube(Metric)		Tube(Metric)
	XHVFF 06-06		XHVSS 01-01
	XHVFF 08-06		XHVSS 02-01
	XHVFF 08-08		XHVSS 02-02
	XHVFF 10-08		XHVSS 03-02
	XHVFF 10-10		XHVSS 03-03
	XHVFF 12-10		XHVSS 04-03
	XHVFF 12-12		XHVSS 04-04

XHVSF	MODEL(φ D-T)	XHVFS	MODEL(φ D-T)	
	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(R)	
	XHVSF 06-01	XHVFS 10-03	XHVFS 06-01	XHVFS 10-02
	XHVSF 06-02	XHVFS 10-04	XHVFS 06-02	XHVFS 10-03
	XHVSF 06-03	XHVFS 12-02	XHVFS 06-03	XHVFS 10-04
	XHVSF 08-01	XHVFS 12-03	XHVFS 08-01	XHVFS 12-02
	XHVSF 08-02	XHVFS 12-04	XHVFS 08-02	XHVFS 12-03
	XHVSF 08-03		XHVFS 08-03	XHVFS 12-04
	XHVSF 10-02			

XHVFS-G	MODEL(φ D-T)	XHVFS-G	MODEL(φ D-T)	
	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(R)	
	XHVFS 06-G01	XHVFS 12-G02	XHVFS 06-G01	XHVFS 12-G02
	XHVFS 06-G02	XHVFS 12-G03	XHVFS 06-G02	XHVFS 12-G03
	XHVFS 06-G03	XHVFS 12-G04	XHVFS 06-G03	XHVFS 12-G04
	XHVFS 08-G01		XHVFS 08-G01	
	XHVFS 08-G02		XHVFS 08-G02	
	XHVFS 08-G03		XHVFS 08-G03	
	XHVFS 10-G02		XHVFS 10-G02	
	XHVFS 10-G03		XHVFS 10-G03	
	XHVFS 10-G04		XHVFS 10-G04	

XHVSS-G	MODEL(T1-T2)
	Tube(Metric)-Thread(R)
	XHVSS 01-G01(B)
	XHVSS 02-G01(B)
	XHVSS 02-G02(B)
	XHVSS 03-G02(B)
	XHVSS 03-G03(B)
XHVSS 04-G03(B)	
XHVSS 04-G04(B)	