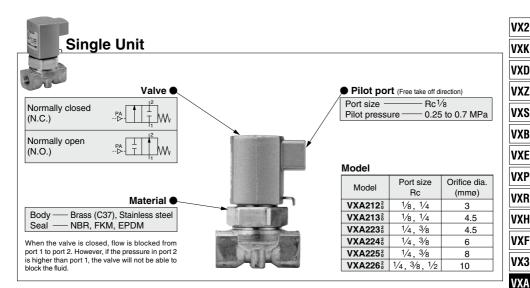
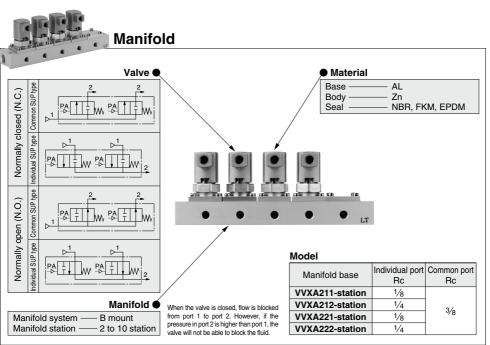
Direct Air Operated 2 Port Valve VXA21/22 Series For Air, Water, Oil





VXA21/22 Series

Common Specifications

Standard Specifications

	Туре		Single Unit	Manifold	
	Valve construction		Pilot operated poppet		
Valve specifications	Withstand pressure	MPa	1.5		
Specifications	Body material		Brass (C37), Stainless steel	Zn	
	Seal material		NBR, FKM, EPDM	NBR, FKM, EPDM	

Direct Air Operated 2 Port Valve

VXA21/22 Series

Applicable Fluid Check List

All Options (Single Unit) Refer to page 410 for specifications and models





Fluid and application	Option symbol	Seal material	Body material	Holder material (drive part)		
Air	Nil	NBR	Brass (C37)			
All	G	NDN	Stainless steel			
Medium vacuum (0.1 Pa-abs),	V Note 2)	FKM	Brass (C37)			
Non-leak Note 1)	M Note 2)	LVIA	Stainless steel			
Water	Nil	NBR	Brass (C37)	PPS		
vvater	G	NBH	Stainless steel	PP3		
Oil Note 3)	A A		Brass (C37)			
Oll Note 3)	Н	FKM	Stainless steel			
Other combination	В	EPDM	Brass (C37)			
Other combination	J	EPDM	Stainless steel			



VX2

VXK

VXD VXZ

VXS

VXB VXE

VXP

VXR VXH

VXF

VX3

VXA

All Options (Manifold) Refer to page 412 for specifications and models.

VXA2



Fluid and application	Option symbol	Seal material	Body material	Base material	Holder material (drive part)	
Air Nil		NBR	Zn			
Medium vacuum, Non-leak ^{Note 1)}	V Note 2)	FKM	Al			
Oil Note 3)		FKM	7	Al	PPS	
Other combination	В	EPDM	Zn			

Note 1) The leakage amount (10-6 Pa·m3/s) of "V" options are values when differential pressure is 0.1 MPa. Note 2) Use grease for vacuums on sliding parts. Use silicon grease elsewhere.

Note 3) The dynamic viscosity of the fluid must not exceed 50 mm²/s or less.

- * If using for other fluids, please consult with SMC.
- * Oil-free specification: Oil-free specification cannot be manufactured since the sliding parts in contact with fluid have a seal construction.

VXA21/22 Series

For Air /Single Unit

(Non-leak, Medium vacuum)

Model/Valve Specifications

N.C.

N.O.

Symbol



Symbol



When the valve is closed, flow is blocked from port 1 to port 2. However, if the pressure in port 2 is higher than port 1, the valve will not be able to block the fluid.



Model/Valve

Port	Orifice diameter	Model	Max. Note 2) operating pressure	Pilot pressure	Flow rat	Flow rate characteristics Note 1) Air Note 2) Max. System		Proof pressure	Weight	
size	size (mmø)	Wiodei	differential (MPa)	(MPa)	C[dm3/(s-bar)]	b	Cv	pressure (MPa)	(MPa)	(g)
1/8	3	VXA2122	1.0		1.3	0.50	0.38			
(6A)	4.5	VXA2132	0.5		2.3	0.45	0.70			470
	3	VXA2122	1.0		1.3	0.50	0.38	1.0	1.5	170
	4.5	VXA2132	0.5		0.5	0.45	0.75	_		
1/4	4.5	VXA2232	1.0		2.5	0.45	0.75			050
(8A)	6	VXA2242	0.6		3.3	0.50	1.1			250
	8	VXA2252	0.2	0.25 to 0.7	6.4	0.40	1.8			0.40
	10	VXA2262	0.1		8.8	0.40	2.3	0.4		340
	4.5	VXA2232	1.0		2.5	0.45	0.75	4.0		250
3/8	6	VXA2242	0.6		3.3	0.50	1.1	1.0		250
(10A)	8	VXA2252	0.2		6.4	0.40	1.8	0.4		040
	10	VXA2262	0.1	Ī	11.0	0.38	2.8			340
½ (15A)	10	VXA2262	0.1		11.0	0.38	2.8			420

Note 1) The flow rate characteristics of this product have variations.

When the highly precise flow control is required according to the system to be used, select an orifice diameter 1.3 times larger than that shown above and install a restrictor on the downstream side of the solenoid valve to make the adjustment.

Note 2) Refer to "Glossary of Terms" on page 309 for details on the max. operating pressure differential and the max. system pressure.

Fluid and Ambient Temperature

Fluid tempe	Ambient temperature			
Valve opti	Ambient temperature (°C)			
Nil, Others	V, M	(10)		
-5 Note) to 60	-5 Note) to 40	-5 to 40		

Note) Dew point temperature: -5°C or less

Valve Leakage Rate

Internal Leakage								
Seal material	Leakage rate							
	Air	Non-leak, ^{Note)} Medium vacuum						
NBR, EPDM, FKM	1 cm³/min or less	10 ⁻⁶ Pa⋅m³/sec or less						

External Leakage

	Leakage rate				
Seal material	Air	Non-leak, Note)			
	All	Medium vacuum			
NBR, EPDM, FKM	1 cm³/min or less	10 ⁻⁶ Pa⋅m³/sec or less			

Note) Value for option "V", "M" (Non-leak, Medium vacuum)

How to Order (Single Unit)

shown below for availability.

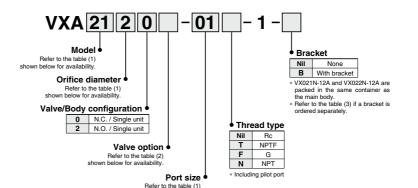


Table (1) Model/Orifice Diameter/Port Size

(.,								
Solenoi	d valve (Po	rt size)	Orifice symbol (Diameter)					
Model	VXA21	VXA22	2 (3 mmø)	3 (4.5 mmø)	4 (6 mmø)	5 (8 mmø)	6 (10 mmø)	
	01 (1/8)	-	•	•	_	-	-	
	02 (1/4)	-	•	•	_	-	-	
Port no. (Port size)	_	02 (1/4)	_	•	•	•	•	
(Port size)	_	03 (3/8)	-	•	•	•	•	
	_	04 (1/2)	_	_	_	_		

Table (2) Valve Option

Option symbol	Seal material	Body material	Holder material	Note
Nil	NBR	Brass (C37)		
G	INDI	Stainless steel	PPS	_
V Note)	FKM	Brass (C37)	PPS	Non-leak (10 ⁻⁶ Pam ³ /sec),
M Note)	FIXIVI	Stainless steel		Medium vacuum (0.1 Pa.abs)

Note) Use grease for vacuums on sliding parts. Use silicon grease elsewhere

Table (3) Bracket Part No.

Model	Part no.					
VXA21 20 32	VX021N-12A					
VXA2230	VX022N-12A					
VXA22 ⁵⁰ ₆₂	VX023N-12A-L					

VX2

VXK

VXD VXZ

VXS

VXB

VXE

VXP

VXR

VXH VXF

VX3

VXA

VVXA21/22 Series

For Air /Manifold

(Non-leak, Medium vacuum)

Model for Manifold/Valve Specifications

N.C.

Symbol Common SUP type



N.O.







When the valve is closed, flow is blocked from port 1 to port 2. However, if the pressure in port 2 is higher than port 1, the valve will not be able to block the

fluid.

Model for Manifold/Valve Specifications

Orifice diameter	Model	Max. operating pressure Pilot pressure		Flow rate characteristics Note 1) Air			Max. system	Proof pressure	Weight
(mmø)		differential (MPa)	· (MPa)	C[dm3/(s-bar)]	b	Cv	pressure (MPa)	(MPa)	(g)
3	VXA2123-00	1.0		1.3	0.50	0.38			120
4.5	VXA2133-00	0.5	0.25 to 0.7	2.3	0.45	0.70	1.0	1.5	120
4.5	VXA2231-00	1.0	0.25 10 0.7	2.3	0.45	0.70	1.0	1.5	160
6	VXA224 ¹ ₃ -00	0.6		3.3	0.50	1.1			100

Note 1) The flow rate characteristics of this product have variations.

When the highly precise flow control is required according to the system to be used, select an orifice diameter 1.3 times larger than that shown above and install a restrictor on the downstream side of the solenoid valve to make the adjustment.

Note 2) Refer to "Glossary of Terms" on page 309 for details on the max. operating pressure differential and the max. system pressure

Fluid and Ambient Temperature

Fluid tempe		
Solenoid valve	Ambient temperature	
Nil, A, B	V	(°C)
-5 Note) to 60	-5 Note) to 40	-5 to 40

Note) Dew point temperature: -5°C or less

Valve Leakage Rate

internal Leakage						
Seal material	Leakage rate					
	Air	Non-leak, Note)				
NBR, EPDM, FKM	1 cm³/min or less	Medium vacuum 10 ⁻⁶ Pa·m³/sec or less				

External Leakage

Seal material	Leakage rate				
	Air	Non-leak, ^{Note)} Medium vacuum			
NBR, EPDM, FKM	1 cm³/min or less	10 ⁻⁶ Pa⋅m³/sec or less			

Note) Value for option "V" (Non-leak, Medium vacuum)

VX2

VXK

VXD

VXZ VXS

VXB

VXE

VXP

VXR

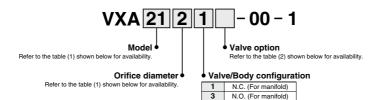
VXH

VXF

VX3

VXA

How to Order (Valve for Manifold)



How to Order Manifold Bases

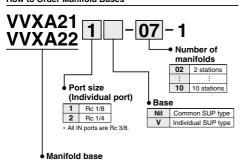


Table (1) Model/Orifice Diameter

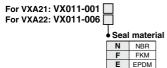
0-1:-	Orifice symbol (Diameter)				
valve	olenoid valve 2 (3 mmø) /XA21 ●	3	4		
	(3 mmø)	(4.5 mmø)	(6 mmø)		
VXA21	•	•	-		
VXA22	-	•	•		

Table (2) Valve Ontion

rable (2) valve option									
Option symbol	Body material	Base material	Seal material	Holder material	Note				
Nil			NBR						
Α	Zn		FKM		_				
В		AL	EPDM	PPS					
V Note)	Al		FKM		Non-leak (10 ⁻⁶ Pam³/sec), Medium vacuum (0.1 Pa.abs)				

Note) Use grease for vacuums on sliding parts. Use silicon grease elsewhere.

Blanking plate part no.



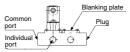
How to Order Manifold

■ Write both the base part number and the solenoid valve to be mounted or blanking plate part number. (Example) 7 stations of VXA21 common pressure, individual port Rc 1/8.

(Base)	VVXA211-07-11	pc.
(Valve)	* VXA2121-00-16	pcs.
(Blanking plate)	* VX011-001N1	pc.

"*" is the symbol for mounting. When shipping mounted on a base, add an "*" in front of the valve and blanking plate model

■ Arrangement of solenoid valves



The standard arrangement of manifolds should be placed on an individual port on this side, each solenoid valve from the left side and a blank plate in the right side. The right side of the common port provides plug.

Dimensions → page 423 (Manifold)

For Water /Single Unit

Model/Valve Specifications

N.C.

N.O.

Symbol







When the valve is closed, flow is blocked from port 1 to port 2. However, if the pressure in port 2 is higher than port 1, the valve will not be able to block the fluid.



Model/Valve Specifications

Port size	Orifice diameter (mmø)	Model	Pilot pressure (MPa)	Max. operating pressure differential (MPa)		acteristics Note 1) ater	Max. system pressure (MPa)	Proof pressure (MPa)	Weight (g)
1/8	3	VXA2129	,	1.0	0.28	0.33	(IVII a)	(/	
(6A)	4.5	VXA2139		0.5	0.54	0.61			
	3	VXA2122		1.0	0.28	0.33	1.0		170
	4.5	VXA2132	0.25 to 0.7	0.5	0.54	0.61	0.4	1.5	
1/4		VXA2232		1.0					250
(8A)	6	VXA2242		0.6	0.93	1.1			250
	8	VXA2252		0.2	1.46	1.7			340
	10	VXA2262		0.1	1.64	1.9			340
	4.5	VXA2232		1.0	0.54	0.61	1.0		250
3/8	6	VXA2242		0.6	0.93	1.1	1.0		250
(10A)	8	VXA2252		0.2	1.46	1.7			340
	10	VXA2262		0.1	2.07	2.4	0.4		340
1/2 (15A)	10	VXA2262		0.1	2.07	2.4			420

Note 1) The flow rate characteristics of this product have variations.

When the highly precise flow control is required according to the system to be used, select an orifice diameter 1.3 times larger than that shown above and install a restrictor on the downstream side of the solenoid valve to make the adjustment.

Note 2) Refer to "Glossary of Terms" on page 309 for details on the max. operating pressure differential and the max. system pressure.

Fluid and Ambient Temperature

Fluid temperature (°C)	
Valve option symbol	Ambient temperature (°C)
Nil, G, B, J	
1 to 40	-5 to 40

Note) With no freezing

Valve Leakage Rate

NBR, EPDM

Internal Leakage	
Seal material	Leakage rate (Water)
NBR, EPDM	0.1 cm³/min or less
External Leakage	
Seal material	Leakage rate (Water)

0.1 cm³/min or less



VX2

VXK

VXD

VXZ

VXS

VXB

VXE

VXP

VXR

VXH **VXF** VX3 VXA

How to Order (Single Unit)

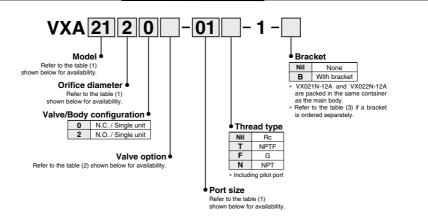


Table (1) Model/Orifice Diameter/Port Size

,	Valve (Port size)			Orifice symbol (Diameter)					
Model	VX21	VX22	2 (3 mmø)	3 (4.5 mmø)	4 (6 mmø)	5 (8 mmø)	6 (10 mmø)		
	01 (1/8)	_	•	•	_	_	_		
	02 (1/4)	_	•	•	_	_	_		
Port no. (Port size)	_	02 (1/4)		•	•	•	•		
(i oit size)	_	03 (3/8)	_	•	•	•	•		
	_	04 (1/2)	_	_	_	_	•		

Table (2) Valve Option

Option symbol	Seal material	Body material	Holder material	Note			
Nil	NDD	Brass (C37)					
G	NBR	Stainless steel	PPS				
В	EPDM	Brass (C37)	PPS	_			
J	EFDIVI	Stainless steel					

Table (3) Bracket Part No.

(0) =						
Model	Part no.					
VX21 20 32	VX021N-12A					
VX22 ³⁰ ₄₂	VX022N-12A					
VX22 ⁵⁰ ₆₂	VX023N-12A-L					

Dimensions → page 422 (Single unit)

For Oil /Single Unit

- igtree When the fluid is oil. -

The dynamic viscosity of the fluid must not exceed 500 $\,\mathrm{mm^2/s}$.

Model/Valve Specifications

N.C.

N.O.

Symbol



Symbol



When the valve is closed, flow is blocked from port 1 to port 2. However, if the pressure in port 2 is higher than port 1, the valve will not be able to block the fluid.



Model/Valve Specifications

Port size	Orifice diameter (mmø)	Model	Max. operating pressure differential (MPa)	Pilot pressure (MPa)	С	acteristics Note 1) Dil	Max. system pressure (MPa)	Proof pressure (MPa)	Weight (g)
1/8	3	VXA2122	1.0	(4)	7.9	0.33	(IVIFa)	,	
(6A)	4.5	VXA2132	0.5		15	0.61			
, ,	3	VXA2120	1.0		7.9	0.33	1.0		170
		VXA2132	0.5		15	0.61	- 1.0		
1/4		VXA2232	1.0		15				250
(8A)	6	VXA2242	0.6		26	1.1			250
	8 VXA2252	0.2	0.25 to 0.7	41	1.7	1.5	040		
	10	VXA2262	0.1		46	1.9	0.4		340
	4.5	VXA2232	1.0		15	0.61	4.0		050
3/8	6	VXA2242	0.6		26	1.1	1.0		250
(10A)	8	VXA2252	0.2		41	1.7			040
	10	VXA2262	0.1		58	2.4	0.4		340
1/2 (15A)	10	VXA2262	0.1		58	2.4			420

Note 1) The flow rate characteristics of this product have variations.

When the highly precise flow control is required according to the system to be used, select an orifice diameter 1.3 times larger than that shown above and install a restrictor on the downstream side of the solenoid valve to make the adjustment.

Note 2) Refer to "Glossary of Terms" on page 309 for details on the max. operating pressure differential and the max. system pressure.

Fluid and Ambient Temperature

Fluid temperature (°C)	Ambient temperature (°C)	
Valve option symbol		
A, H		
-5 Note) to 40	-5 to 40	

Note) Dynamic viscosity: 500 mm²/s or less

Valve Leakage Rate

Internal Leakage

Seal material	Leakage rate (Oil)
FKM	0.1 cm³/min or less
External Leakage	
Seal material	Leakage rate (Oil)
FKM	0.1 cm³/min or less

How to Order (Single Unit)

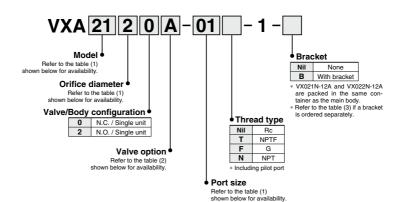


Table (1) Model/Orifice Diameter/Port Size

Solenoid valve (Port size)			Orifice symbol (Diameter)					
Model	VX21	VX22	2 (3 mmø)	3 (4.5 mmø)	4 (6 mmø)	5 (8 mmø)	6 (10 mmø)	
	01 (1/8)	_	•	•	_	_	_	
	02 (1/4)	_	•	•	_	_	_	
Port no. (Port size)	_	02 (1/4)	_	•	•	•	•	
(I OII SIZE)	_	03 (3/8)	_	•	•	•	•	
		04 (1/2)				_	•	

Table (2) Valve Option

Option symbol	Seal material	Body material	Holder material		
Α	FKM	Brass (C37)	PPS		
Н	FRIVI	Stainless steel	FFO		

Table (3) Bracket Part No.

	Table (3) Bracket Part No.				
Model		Part no.			
	VX21 ²⁰ ₃₂	VX021N-12A			
	VX22 ³⁰ ₄₂	VX022N-12A			
	VX22 ³⁰ ₆₂	VX023N-12A-L			

VX2 VXK

VXD VXZ

VXS

VXB

VXE

VXP

VXR

VXF VX3

VXA

Dimensions → page 422 (Single unit)

For Oil /Manifold

· 🕂 When the fluid is oil. -

The dynamic viscosity of the fluid must not exceed 500 mm²/s.

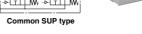
Valve for Manifold/Valve Specifications

N.C.



N.O.







When the valve is closed, flow is blocked from port 1 to port 2. However, if the pressure in port 2 is higher than port 1, the valve will not be able to block the fluid.

Valve for Manifold/Valve Specifications

Orifice	Mandal	Note 2) Max. operating	Pilot	Flow rate chara		Max. system		Note)		
diameter	Model	pressure	pressure	A	ır	pressure		Weight		
(mmø)		differential (MPa)	(MPa)	Av x 10 ⁻⁶ m ²	Cv converted	(MPa)	(MPa)	(g)		
3	VXA2123-00	1.0		7.9	0.33			120		
4.5	VXA2133-00	0.5	0.05 +- 0.7	0.05 to 0.7	0.25 to 0.7	15	0.61	1.0	1.5	120
4.5	VXA2231-00	1.0	0.25 10 0.7	15	0.61	1.0	1.5	160		
6	VXA2243-00	0.6		26	1.1			160		

Note 1) The flow rate characteristics of this product have variations.

When the highly precise flow control is required according to the system to be used, select an orifice diameter 1.3 times larger than that shown above and install a restrictor on the downstream side of the solenoid valve to make the adjustment.

Note 2) Refer to "Glossary of Terms" on page 309 for details on the max. operating pressure differential and the max. system pressure.

Fluid and Ambient Temperature

Ambient temperature (°C)	
-5 to 40	

Note) Dynamic viscosity: 500 mm²/s or less

Valve Leakage Rate

Internal Leakage				
Seal material	Leakage rate			
FKM	0.1 cm³/min or less			
External Leakage				
01	Laskana rata			

VX2

VXK

VXD

VXZ VXS

VXB

VXE

VXP

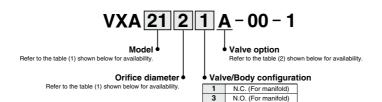
VXR

VXF

VX3

VXA

How to Order (Valve for Manifold)



How to Order Manifold Bases

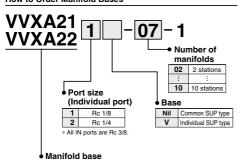


Table (1) Model/Orifice Diameter

0.1	Orifice symbol (Diameter)			
Solenoid valve	2	3	4	
*4	(3 mmø)	(4.5 mmø)	(6 mmø)	
VXA21	•	•	-	
VXA22	_	•	•	

Table (2) Valve Option

	тан (=) танте органи						
Option symbol	Body, Base material	Seal material	Holder material	Note			
Α	Aluminum	FKM	PPS	_			

Blanking plate part no.

For VXA21: VX011-001 F For VXA22: VX011-006 F Seal material FKM

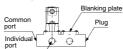
How to Order Manifold

■ Write both the base part number and the solenoid valve to be mounted or blanking plate part number. (Example) 7 stations of VXA21 common pressure, individual port Rc 1/8.

(Base)	VVXA211-07-11	nc.
	* VXA2121-00-16	
(Bianking plate)	* VX011-001F1	pc.

" is the symbol for mounting. When shipping mounted on a base, add an "" in front of the valve and blanking plate model

■ Arrangement of solenoid valves



The standard arrangement of manifolds should be placed on an individual port on this side, each solenoid valve from the left side and a blank plate in the right side. The right side of the common port provides plug.

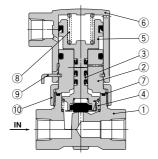
Dimensions → page 423 (Manifold)



Construction: Single Unit

Normally closed (N.C.)

Body material: Brass (C37), Stainless steel



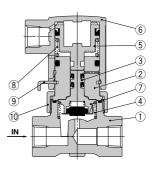
Component Parts

		Material			
No.	Description	Body material Brass (C37) specification	Body material stainless steel specification		
1	Body	Brass (C37) Stainless steel			
2	Adapter	C36	Stainless steel		
3	Holder assembly	(NBR, FKM, EPDM), Stainless steel, PPS			
4	Return spring	Stainless steel			
5	Piston assembly	(NBR), Polyacetal			
6	Pilot cover	ADO	C12		
7	O-ring	(NBR, FK	M, EPDM)		
8	Piston spring	Stainless steel			
9	Retainer	Stainless steel			
10	Nut	Brass (C37) Brass (C37), Ni plated			

The materials in parentheses are the seal materials.

Normally open (N.O.)

Body material: Brass (C37), Stainless steel



Component Parts

		Mat	erial					
No.	Description	Body material Brass (C37) specification	Body material stainless steel specification					
1	Body	Brass (C37)	Stainless steel					
2	Adapter	C36	Stainless steel					
3	Holder assembly	(NBR, FKM, EPDM), Stainless steel, F						
4	Return spring	Stainless steel						
5	Piston assembly	(NBR), Polyacetal						
6	Pilot cover	ADO	C12					
7	O-ring	(NBR, FK	M, EPDM)					
8	Piston spring	Stainless steel						
9	Retainer	Stainless steel						
10	Nut	Brass (C37)	Brass (C37), Ni plated					

The materials in parentheses are the seal materials.

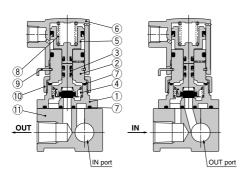


Individual SUP type

Construction: Manifold

Normally closed (N.C.) Body material: Zn Base material: AL

Common SUP type Individual SUP type



Component Parts

No.	Description	Material
1	Body	Zn (AL)
2	Adapter	C36
3	Holder assembly	(NBR, FKM, EPDM), Stainless steel, PPS
4	Return spring	Stainless steel
5	Piston assembly	NBR, Polyacetal
6	Pilot cover	ADC12
7	O-ring	(NBR, FKM, EPDM)
8	Piston spring	Stainless steel
9	Retainer	Stainless steel
10	Nut	Brass (C37)
11	Base	Aluminum

The materials in parentheses are the seal materials.

Normally open (N.O.) Body material: Zn Base material: AL

Common SUP type

,,	••
8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	IN.
IN port	OUT port

Component Parts

No.	Description	Material							
1	Body	Zn (AL)							
2	Adapter	C36							
3	Holder assembly	(NBR, FKM, EPDM), Stainless steel, PPS							
4	Return spring	Stainless steel							
5	Piston assembly	NBR, Polyacetal							
6	Pilot cover	ADC12							
7	O-ring	(NBR, FKM, EPDM)							
8	Piston spring	Stainless steel							
9	Retainer	Stainless steel							
10	Nut	Brass (C37)							
11	Base	Aluminum							

The materials in parentheses are the seal materials.

VX2

VXK VXD

VXZ

VXS VXB VXE

VXP

VXR VXH

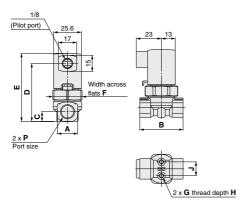
VXF VX3

VXA



Dimensions: Single Unit/Body Material: Brass (C37), Stainless Steel

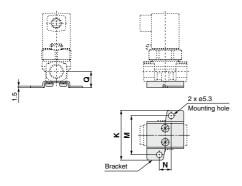
Normally closed (N.C.): VXA21□0/VXA22□0 Normally open (N.O.): VXA21□2/VXA22□2

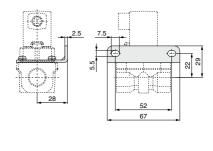


(mn)												
Model		Orifice diameter			В	С	D	E	F	G	н	J
N.C.	N.O.	ularrietei	r									
VXA21□0	VXA21□2	ø3, ø4.5	1/8, 1/4	19	40	9	54	63	27	M4	6	12.8
VXA22(3,4)0	VXA22(3,4)2	ø4.5, ø6	1/4, 3/8	22	45	10.5	60	69	32	M5	8	19
VXA22(5,6)0	VXA22(5,6)2	ø8, ø10	1/4, 3/8, 1/2	29	50	14	66	76	32	M5	8	23

Specifications with bracket Orifice $\emptyset 3, \ \emptyset 4.5, \ \emptyset 6$

Orifice Ø8, Ø10



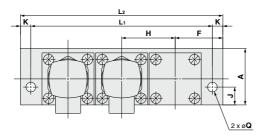


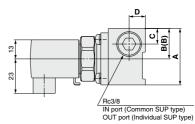
							(mm)		
Mo	odel	Orifice diameter	Port size	Bracket mounting					
N.C.	N.O.	ularrieter	P	K	M	N	Q		
VXA21□0	VXA21□2	ø3, ø4.5	1/8, 1/4	46	36	11	15		
VXA22(3,4)0	VXA22(3,4)2	ø4.5, ø6	1/4, 3/8	56	46	13	17.5		



Dimensions: Manifold/Body Material: Zn

Normally closed (N.C.): VVXA21/VVXA22 Normally open (N.O.)

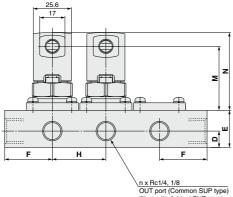












n x Rc1/4, 1/8	
OUT port (Common SUP type)	
N port (Individual SUP type)	

										(mm)			
Model	Dimension	n (Stations)											
Model		2	3	4	5	6	7	8	9	10			
VVXA21	L ₁	86	122	158	194	230	266	302	338	374			
VVAAZI	L ₂	100	136	172	208	244	280	316	352	388			
VVXA22	L ₁	108	154	200	246	292	338	384	430	476			
VVAAZZ	L ₂	126	172	218	264	310	356	402	448	494			

										(mm)			
Model	A	В	(B) Individual SUP type	С	D	E	F	н	J	к	М	N	Q
VVXA21	38	20.5	17.5	10.5	11	25	32	36	12	7	43	52	6.5
VVXA22	49	26.5	22.5	13	13	30	40	46	15	9	48	57	8.5

VX2

VXK

VXD VXZ

VXS

VXB

VXE VXP

VXR

VXH

VXF

VX3 VXA