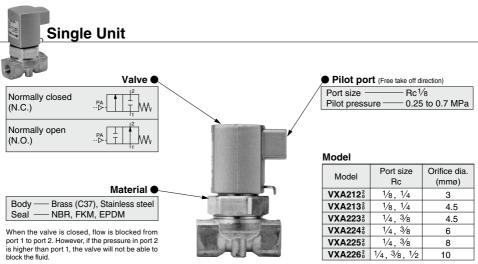
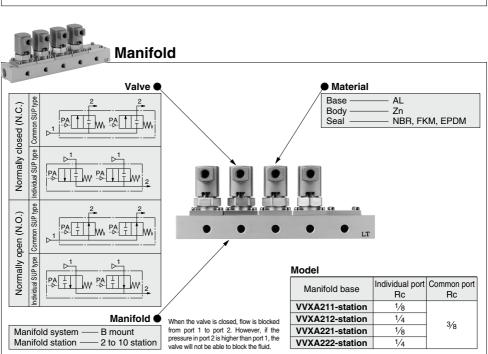
Direct Air Operated 2 Port Valve VXA21/22 Series

For Air, Water, Oil





VX2

VXK VXD VXZ

VXS

VXB

VXE

VXP

VXR

VXH

VXF

VX3

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		

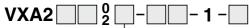
For Air /Single Unit P.410 For Air /Manifold P.412 For Water /Single Unit P.414 For Oil /Single Unit P.416 For Oil /Manifold P.418 Construction: Single Unit P.420 Construction: Manifold P.421 Dimensions: Single Unit P.422 Dimensions: Manifold P.423

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



Option symbol

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)	LVIAI	Stainless steel			
Water	Nil	NBR	Brass (C37)	PPS		
vvater	G	NBH	Stainless steel	PP3		
Oil Note 3)	Α	FKM	Brass (C37)			
Oll Note 3)	Н	FKIVI	Stainless steel			
Other combination	В	EDDM	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 Option symbol

Fluid and application	Option symbol	Seal material	Body material	Base material	Holder material (drive part)	
Air Nil		NBR	Zn		200	
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

	Note 2) Note 2) Note 2)									
Port Orifice		Max. Note 2) operating	Dilet preserve	Flow rat	Flow rate characteristics Note 1)			Proof	Weight	
size	diameter	Model	pressure	Pilot pressure (MPa)		Air		Max. system	pressure (MPa)	(g)
SIZC	(mmø)		differential (MPa)	(IVIPa)	C[dm3/(s-bar)]	b	Cv	pressure (MPa)		(9)
1/8	3	VXA2122	1.0		1.3	0.50	0.38			
(6A)	4.5	VXA2132	0.5		2.3	0.45	0.70			170
	3	VXA2122	1.0		1.3	0.50	0.38	1.0		170
	4.5	VXA213 ⁰ 0.5		0.5	0.45 0.75	1.0				
1/4	4.5	VXA2232	1.0		2.5	0.45	0.75	0.4	1.5	250
(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			340
	10	VXA2262	0.1		8.8	0.40	2.3			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		340
	10	VXA2262	0.1		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	
Nil, Others	V, M	(0)
-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.

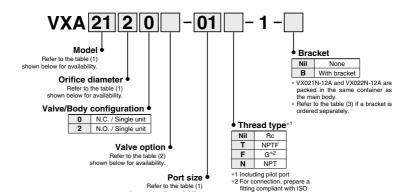


Table (1) Model/Orifice Diameter/Port Size

	Table (1) Model/Office Blaffeter/1 of Colze										
	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)	_	•	•	•	•			
		_	03 (3/8)	_	•	•	•	•			
		_	04 (1/2)	_	_	_	_	•			

Table (2) Valve Option

Option symbol	Seal material	Body material	Holder material	Note	
Nil	NBR	Brass (C37)			
G	INDIA	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.

16030 and JIS B 8674.

. u.s.e (e) =: uentet : u	
Model	Part no.
VXA21 32	VX021N-12A
VXA2230	VX022N-12A
VXA22 50	VX023N-12A-L

VX2

VXK

VXD VXZ

VXS

VXB

VXE

VXP

VXR

VXH

VXF VX3

VVXA21/22 Series

For Air /Manifold

(Non-leak, Medium vacuum)

Model for Manifold/Valve Specifications

N.C.

Individual SUP type

N.O.



Common SUP type



Individual SUP type

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

Model for Manifold/Valve Specifications

Orifice diameter Model		Max. operating	pressure pressure		Flow rate characteristics Note 1) Air			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			

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

fluid.

External Leakage

	Leakage rate			
Seal material	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

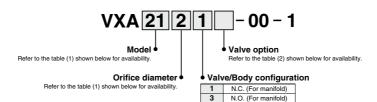
VXH

VXF

VX3

VXA

How to Order (Valve for Manifold)



How to Order Manifold Bases

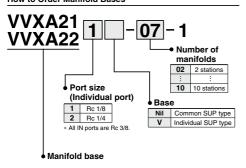


Table (1) Model/Orifice Diameter

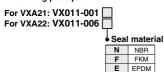
0-1:-	Orifice symbol (Diameter)		
Solenoid	2	3	4
10.10	(3 mmø)	(4.5 mmø)	(6 mmø)
VXA21	•	•	_
VXA22	_	•	•

Table (2) Valve Ontion

	Table (2) valve Option							
	Option symbol	Body material	Base material	Seal material	Holder material	Note		
ı	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.



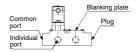
How to Order Manifold

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	
	* VXA2121-00-16	
(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



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

		peomeation							
Port	Orifice		Pilot	Max. operating		acteristics Note 1)	Max. system	Proof	Weight
size	diameter	Model	pressure	pressure	Wa	ater	pressure	pressure	(g)
SIZO	(mmø)		(MPa)	differential (MPa)	Kv	Cv converted	(MPa)	(MPa)	(9)
1/8	3	VXA2122		1.0	0.28	0.33			
(6A)	4.5	VXA2132		0.5	0.54	0.61			470
	3	VXA2122		1.0	0.28	0.33	1.0		170
	4.5 VXA213 ⁰ / ₂ VXA223 ⁰ / ₂		0.5	0.54	0.61	1.0			
1/4			1.0	0.54	0.61			050	
(8A)	6	VXA2242		0.6	0.93	1.1		1.5	250
	8	VXA2252	0.25 to 0.7	0.2	1.46	1.7			
	10	VXA2262	Ī	0.1	1.64	1.9	0.4		340
	4.5	VXA2232		1.0	0.54	0.61	4.0		050
3/8	6	VXA2242]	0.6	0.93	1.1	1.0		250
(10A)	8	VXA2252		0.2	1.46	1.7	0.4		040
	10	VXA2262		0.1	2.07	2.4			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

0.1 cm³/min or less



How to Order (Single Unit)

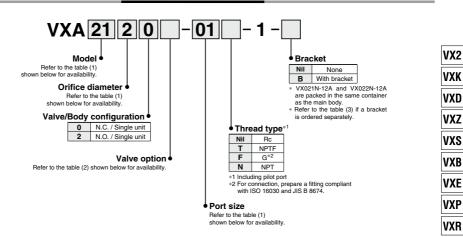


Table (1) Model/Orifice Diameter/Port Size

Table (1) Model/Offlice 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	NBR	Brass (C37)				
G	INDI	Stainless steel	PPS	_		
В	EPDM	Brass (C37)	FFS			
J	EPDIN	Stainless steel				

Table (2) Procket Part No.

Table (3) Bracket Part No.				
Model	Part no.			
VX21 32	VX021N-12A			
VX22 ³⁰ ₄₂	VX022N-12A			
VX22 ⁵⁰	VX023N-12A-L			

Dimensions → page 422 (Single unit)

VXH

VXF VX3 VXA

For Oil /Single Unit

- $igthedred \Lambda$ When the fluid is oil. –

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

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

modely valve openiodations									
Port size	Orifice diameter (mmø)	Model	Max. operating pressure	Pilot pressure (MPa)	С	Flow rate characteristics Note 1) Oil Av x 10 ⁻⁶ m ² Cv converted		Proof pressure (MPa)	Weight (g)
	(1111110)		differential (MPa)	(IVIFa)	AV X 10 ° m2	Cv converted	(MPa)	(IVII a)	
1/8	3	VXA2122	1.0		7.9	0.33			
(6A)	4.5	VXA2132	0.5		15	0.61			170
	3	VXA2122	1.0		7.9	0.33	1.0		170
	4.5	VXA2132	0.5		15	0.61	1.0		
1/4	4.5	VXA2232	1.0		15	0.61			250
(8A)	6	VXA224 ⁰ ₂	0.6		26	1.1			250
	8	VXA2252	0.2	0.25 to 0.7	41	1.7	0.4	1.5	340
	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			240
	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)	
Valve option symbol	Ambient temperature (°C)
A, H	
-5 Note) to 40	-5 to 40

Note) Dynamic viscosity: 500 mm²/s or less

B 416

Valve Leakage Rate

Internal Leakage

Seal material	Leakage rate (Oil)
FKM	0.1 cm ³ /min or less
External Leakage	
Seal material	Leakage rate (Oil)
FKM	0.1 cm ³ /min or less

VX2

VXK

VXD

VXZ

VXS

VXB

VXE

VXP

VXR

VXH VXF VX3

VXA

How to Order (Single Unit)

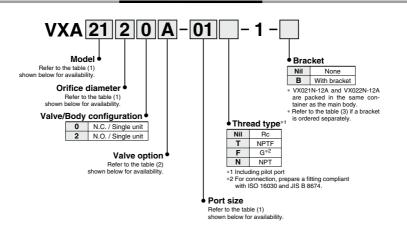


Table (1) Model/Orifice Diameter/Port Size

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)	_	•	•	•	•
	_	03 (3/8)	_	•	•	•	•
	_	04 (1/2)	_	_	_	_	•

Table (2) Valve Option

тания (=) тания и рания							
Option Seal symbol material		Body material	Holder material				
Α	FKM	Brass (C37)	PPS				
Н	FRIVI	Stainless steel	FF3				

Table (3) Bracket Part No.

Model	Part no.	
VX21 ²⁰ ₃₂	VX021N-12A	
VX22 ³⁰ ₄₂	VX022N-12A	
VX22 ³⁰ ₆₂	VX023N-12A-L	

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.

Common SUP type



N.O.



Common SUP type



Individual SUP type

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 diameter (mmø)	Model	Max. operating pressure differential (MPa)	pressure	Flow rate chara A Av x 10 ⁻⁶ m ²	ir	Max. system pressure (MPa)		Weight (g)
3	VXA2123-00	1.0		7.9	0.33			120
4.5	VXA2131-00	0.5	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	VXA224 ¹ ₃ -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

Fluid temperature (°C)		
Valve option symbol	Ambient temperature (°C)	
Α		
-5 Note) to 40	-5 to 40	

Note) Dynamic viscosity: 500 mm²/s or less

Valve Leakage Rate

Internal Leakage						
Seal material	Leakage rate					
FKM	0.1 cm ³ /min or less					
External Leakage						

Seal material	Leakage rate
FKM	0.1 cm ³ /min or less

VX2

VXK

VXD

VXZ VXS

VXB

VXE

VXP

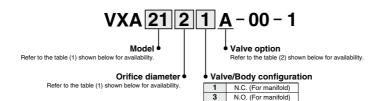
VXR

VXF

VX3

VXA

How to Order (Valve for Manifold)



How to Order Manifold Bases

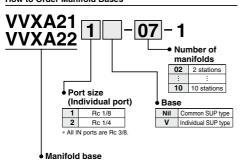


Table (1) Model/Orifice Diameter

0-1	Orifice symbol (Diameter)				
Solenoid valve	2	3	4		
1 10110	(3 mmø)	(4.5 mmø)	(6 mmø)		
VXA21	•	•	_		
VXA22	-	•	•		

Table (2) Valve Option

(=)							
Option symbol	Body, Base material	Seal material	Holder material	Note			
A	Aluminum	FKM	PPS	_			

Blanking plate part no.

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

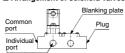
How to Order Manifold

■ 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	DC.
	* VXA2121-00-16	
	* VX011-001F1	
(blailking plate)	* VAUIT-001F	ρc.

" 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.

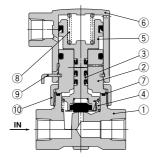
Dimensions → page 423 (Manifold)



Construction: Single Unit

Normally closed (N.C.)

Body material: Brass (C37), Stainless steel



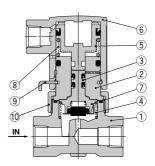
Component Parts

	Description	Mate	erial	
No.		Body material Brass (C37) specification	Body material stainless steel specification	
1	Body	Brass (C37)	Stainless steel	
2	Adapter	C36 Stainless ste		
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, FKM, 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

Description	Material			
	Body material Brass (C37) specification	Body material stainless steel specification		
Body	Brass (C37)	Stainless steel		
Adapter	C36 Stainless ste			
Holder assembly	(NBR, FKM, EPDM), Stainless steel, PPS			
Return spring	Stainless steel			
Piston assembly	(NBR), Polyacetal			
Pilot cover	ADC12			
O-ring	(NBR, FKM, EPDM)			
Piston spring	Stainless steel			
9 Retainer Stainless steel				
Nut	Brass (C37) Brass (C37), Ni plat			
	Body Adapter Holder assembly Return spring Piston assembly Pilot cover O-ring Piston spring Retainer	Description Body material Brass (C37) specification Body Brass (C37) specification Adapter C36 Holder assembly (NBR, FKM, EPDM), Return spring Piston assembly (NBR), Piston assembly Pilot cover ADD O-ring (NBR, FK Piston spring Stainlet Retainer Stainlet		

The materials in parentheses are the seal materials.

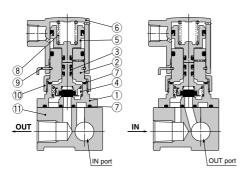


Individual SUP type

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

OUT

IN 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

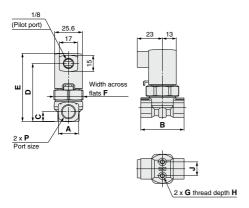
OUT port

VXF VX3



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

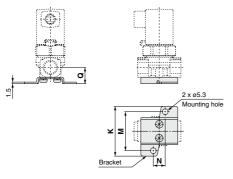
Normally closed (N.C.): VXA21□0/VXA22□0 Normally open (N.O.): VXA21□2/VXA22□2

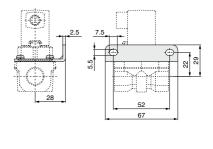


(mm)												
Мо	del	Orifice diameter	Port size	А	В	С	D	E	F	G	н	J
N.C.	N.O.	ularrietei										
VXA21□0	VXA21□2	ø3, ø4.5	1/8, 1/4	19	40	9	54	63	27	M4	6	12.8
VXA22(3,4)0	VXA22(3,4)2	ø4.5, ø6	1/4, 3/8	22	45	10.5	60	69	32	M5	8	19
VXA22(5,6)0	VXA22(5,6)2	ø8, ø10	1/4, 3/8, 1/2	29	50	14	66	76	32	M5	8	23

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

Orifice Ø8, Ø10



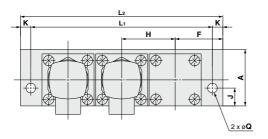


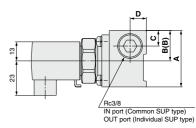
							(mm	ij		
Мо	del	Orifice diameter	Port size	Bracket mounting						
N.C.	N.O.	ularrietei	F	K	M	N	Q			
VXA21□0	VXA21□2	ø3, ø4.5	1/8, 1/4	46	36	11	15			
VXA22(3.4)0	VXA22(3.4)2	ø4.5, ø6	1/4, 3/8	56	46	13	17.5	Ī		



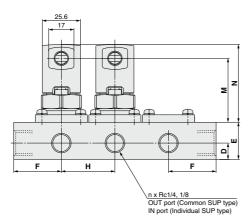
Dimensions: Manifold/Body Material: Zn

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





U side



										(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	La	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