

5 Port Pilot Operated Solenoid Valve Metal Seal, Body Ported

Series VFS3000

Model

Type of actuation		Model		Port size Rc	Flow characteristics						Max. operating cycle (cpm) ⁽¹⁾	Response time (ms) ⁽²⁾	Weight (kg) ⁽³⁾
		Plug-in	Non plug-in		1 → 4/2 (P → A/B)			4/2 → 5/3 (A/B → R1/R2)					
					C [dm ³ /(s·bar)]	b	Cv	C [dm ³ /(s·bar)]	b	Cv			
2 position	Single	VFS3120	VFS3130	1/4	5.0	0.20	1.1	6.8	0.30	1.7	1200	20 or less	0.33
				3/8	6.1	0.14	1.4	7.3	0.23	1.8			
	Double	VFS3220	VFS3230	1/4	5.0	0.20	1.1	6.8	0.3	1.7	1500	15 or less	
				3/8	6.1	0.14	1.4	7.3	0.23	1.8			
3 position	Closed center	VFS3320	VFS3330	1/4	5.0	0.20	1.1	6.3	0.27	1.6	600	40 or less	0.45
				3/8	5.7	0.20	1.4	6.8	0.21	1.7			
	Exhaust center	VFS3420	VFS3430	1/4	4.9	0.24	1.1	6.5	0.28	1.6	600	40 or less	
				3/8	5.8	0.15	1.4	7.0	0.22	1.7			
	Pressure center	VFS3520	VFS3530	1/4	4.9	0.23	1.1	6.6	0.28	1.6	600	40 or less	
				3/8	6.5	0.15	1.6	7.0	0.23	1.7			

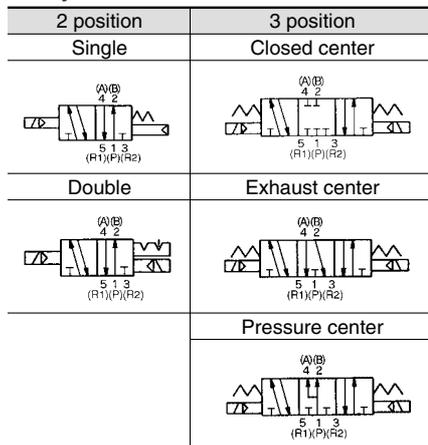


Note 1) Based on JIS B 8375 (once per 30 days) for the minimum operating frequency. Note 3) In the case of grommet type.
Note 2) Based on JIS B 8375-1981. (The value at supply pressure 0.5 MPa.) Note 4) Factors of "Note 1)" and "Note 2)" are achieved in controlled clean air.

Compact yet provides a large flow capacity
3/8: C: 6.8 dm³/(s·bar)
Low power consumption:
1.8 W DC



JIS Symbol



Standard Specifications

Valve specifications	Air/Inert gas	
Fluid	Air/Inert gas	
Maximum operating pressure	1.0 MPa	
Minimum operating pressure	0.1 MPa	
Proof pressure	1.5 MPa	
Ambient and fluid temperature	-10 to 60°C ⁽¹⁾	
Lubrication	Non-lube ⁽²⁾	
Pilot valve manual override	Non-locking push type (Flush)	
Shock/Vibration resistance	150/50 m/s ² ⁽³⁾	
Enclosure	Dustproof (Degrees of protection 0) ⁽⁴⁾	
Coil rated voltage	100, 200 VAC, 50/60 Hz; 24 VDC	
Allowable voltage fluctuation	-15 to +10% of rated voltage	
Coil insulation type	Class B or equivalent (130°C) ⁽⁵⁾	
Apparent power (Power consumption) AC	Inrush	5.6 VA/50 Hz, 5.0 VA/60 Hz
	Holding	3.4 VA (2.1 W)/50 Hz, 2.3 VA (1.5 W)/60 Hz
Power consumption	1.8 W (2.04 W: With light/surge voltage suppressor)	
Electrical entry	Grommet, Grommet terminal, Conduit terminal, DIN terminal	



Note 1) Use dry air at low temperatures.
Note 2) Use turbine oil Class 1 (ISO VG32), if lubricated.
Note 3) Impact resistance: No malfunction occurred when it is tested with a drop tester in the axial direction and at the right angles to the main valve and armature in both energized and de-energized states every once for each condition. (Values at the initial period)
Vibration resistance: No malfunction occurred in a one-sweep test between 45 and 2000 Hz. Test was performed at both energized and de-energized states in the axial direction and at the right angles to the main valve and armature. (Values at the initial period)

Note 4) Based on JIS C 0920. Note 5) Based on JIS C 4003.

Option Specifications

Pilot type	External pilot ⁽¹⁾
Pilot valve manual override	Non-locking push type (Extended), Locking type (Tool required)
Coil rated voltage	110 to 120, 220, 240 VAC (50/60 Hz) 12, 100 VDC
Option	With light/surge voltage suppressor ⁽²⁾
Foot bracket (With screw)	Part no.: VFS3000-52A, VFS3120 (single) only



Note 1) Operating pressure: 0 to 1.0 MPa
Pilot pressure: 0.1 to 1.0 MPa
Note 2) Grommet type is available only w/ surge voltage suppressor (which is directly connected with lead wire), not w/ indicator light.

Manifold

Body type	Applicable manifold base	Pilot EXH
VFS3□20	Stacking manifold	Individual EXH (Valve side)
VFS3□30		Common EXH (Manifold base side)

VK

VZ

VF

VFR

VP4

VZS

VFS

VS4

VQ7

EVS

VFN

How to Order

VFS3 1 20 1 G 02

Symbol

- 1 2 position single
- 2 2 position double
- 3 3 position closed center
- 4 3 position exhaust center
- 5 3 position pressure center

* Reverse pressure: Can be used by external pilot specifications.

Body (Pilot exhaust)

- 20: Individual EXH
- 30*: Common EXH

* Manifold only

Pilot type

Nil	Internal pilot
R*	External pilot

* Option. It will be an individual external pilot.

External pilot port: Body side. For 30 type, common external pilot (on manifold side).

Thread type

Nil	Rc
N*	NPT
T*	NPTF
F*	G

* Option

Port size

02	Rc 1/4
03	Rc 3/8

Manual override

Nil: Non-locking push type (Flush)	A*: Non-locking push type (Extended)	B*: Locking type (Tool required)
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* Option

Light/Surge voltage suppressor

Nil	None
Z	With light/surge voltage suppressor
S*	With surge voltage suppressor

* Indicator light is not available for grommet type. W/ surge voltage suppressor is available for grommet type only.

Electrical entry

G: Grommet	E: Grommet terminal	T: Conduit terminal	D-Y: DIN terminal
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Coil rated voltage

1	100 VAC (50/60 Hz)
2	200 VAC (50/60 Hz)
3*	110 to 120 VAC (50/60 Hz)
4*	220 VAC (50/60 Hz)
5	24 VDC
6*	12 VDC
7*	240 VAC (50/60 Hz)
9*	Other

* Option

Option

F: With foot bracket

* Mountable only for VFS3120.

How to Order Pilot Valve Assembly

SF4-1 DZ 21

Coil rated voltage

1	100 VAC, 50/60 Hz
2	200 VAC, 50/60 Hz
3*	110 to 120 VAC (50/60 Hz)
4*	220 VAC, 50/60 Hz
5	24 VDC
6*	12 VDC
7*	240 VAC, 50/60 Hz
9*	Other

* Option

Electrical entry, Light/Surge voltage suppressor

G	Grommet
GS	Grommet with surge voltage suppressor
D	DIN terminal
DZ	DIN terminal with light/surge voltage suppressor
DO	DIN terminal **
DOZ	DIN terminal with light/surge voltage suppressor **
Y*	DIN terminal
YZ*	DIN terminal with light/surge voltage suppressor
YO*	DIN terminal **
YOZ*	DIN terminal with light/surge voltage suppressor **
T	Conduit terminal
TZ	Conduit terminal with light/surge voltage suppressor
E	Grommet terminal
EZ	Grommet terminal with light/surge voltage suppressor

* Y: Conforming to DIN43650B standard
** DIN connector is not attached.

Applicable model

14	A side pilot operator for VFS3 20	Individual pilot exhaust
15	B side pilot operator for VFS3220	
16	B side pilot operator for VFS3 20	Common pilot exhaust
17	A side pilot operator for VFS3 30	
18	B side pilot operator for VFS3230	
19	B side pilot operator for VFS3 30	

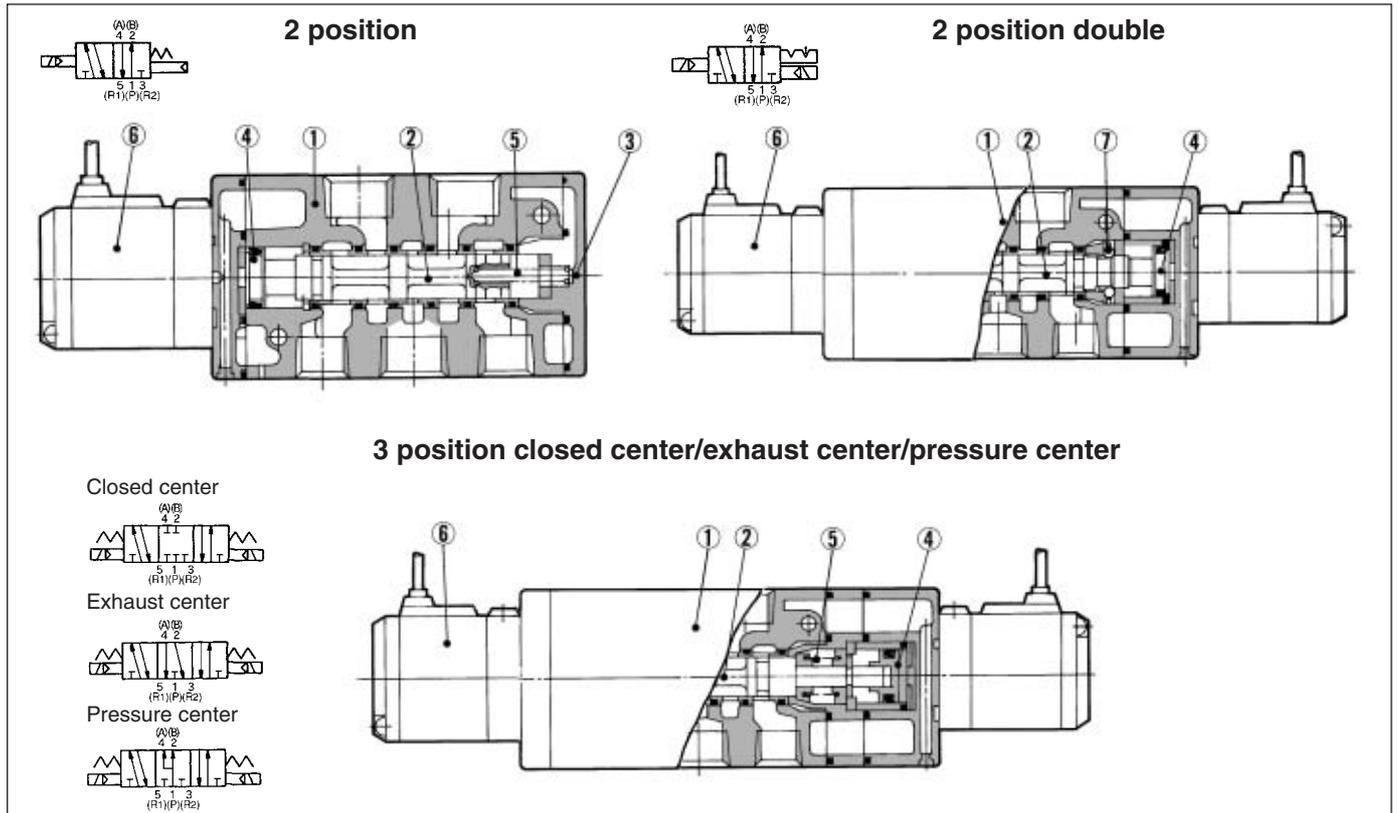
Manual override

Nil	Non-locking push type (Flush)
A*	Non-locking push type (Extended)
B*	Locking type (Tool required)
C*	Locking type (Lever)

* Option

Series VFS3000

Construction



Component Parts

No.	Description	Material	Note
①	Body	Aluminum die-casted	Platinum silver
②	Spool/Sleeve	Stainless steel	—
③	End plate	Resin	Black
④	Piston	Resin	—

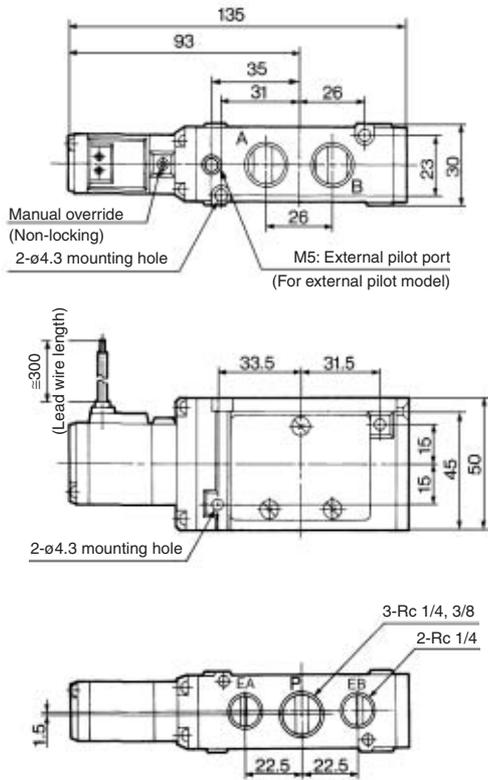
Replacement Parts

No.	Description	Material	Part no.		
			VFS3120	VFS3220	VFS3320/3420/3520
⑤	Return spring	Stainless steel	VFS3000-17-1	—	VFS3000-17-2
⑥	Pilot valve assembly	—	Refer to "How to Order Pilot Valve Assembly" on page 3-8-26.		
⑦	Detent assembly	—	—	VFS3000-9A	—

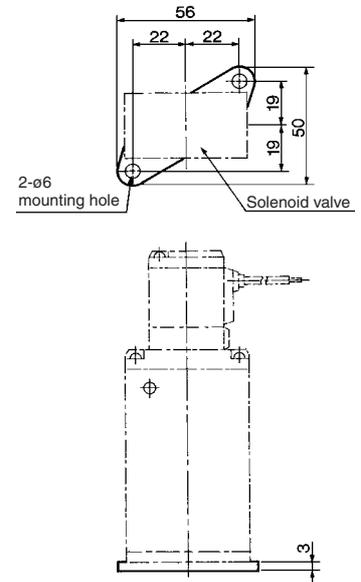
5 Port Pilot Operated Solenoid Valve Metal Seal, Body Ported Series VFS3000

2 Position Single Grommet, Grommet terminal, Conduit terminal, DIN terminal

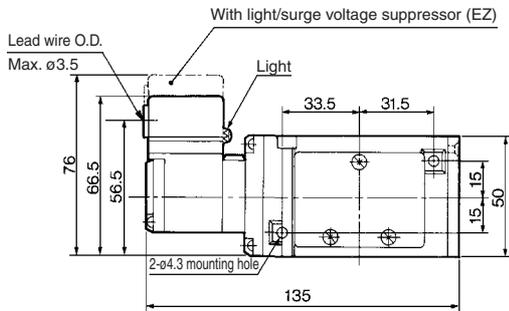
Grommet: VFS3120-□G



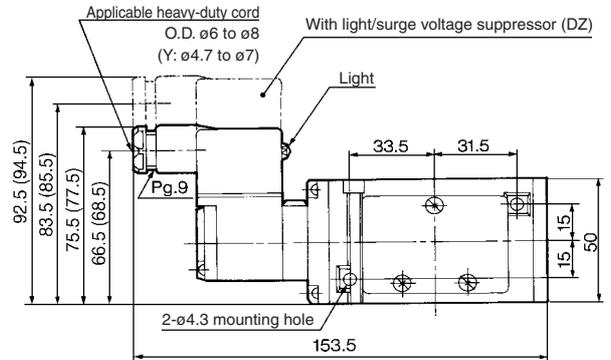
Foot bracket (F) Part no.: VFS3000-52A



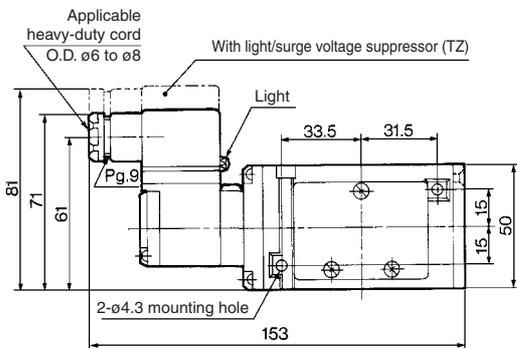
Grommet terminal: VFS3120-□E/EZ



DIN terminal: VFS3120-□D/DZ/Y/YZ



Conduit terminal: VFS3120-□T/TZ



(): Y, YZ

VK

VZ

VF

VFR

VP4

VZS

VFS

VS4

VQ7

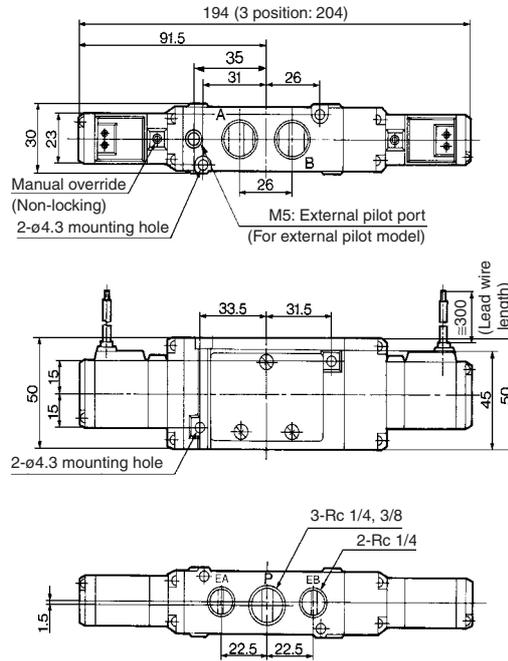
EVS

VFN

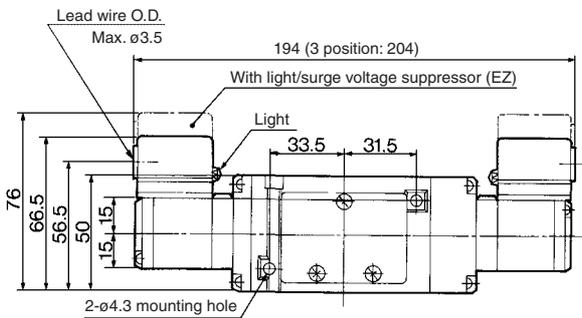
Series VFS3000

2 Position Double, 3 Position Grommet, Grommet terminal, Conduit terminal, DIN terminal

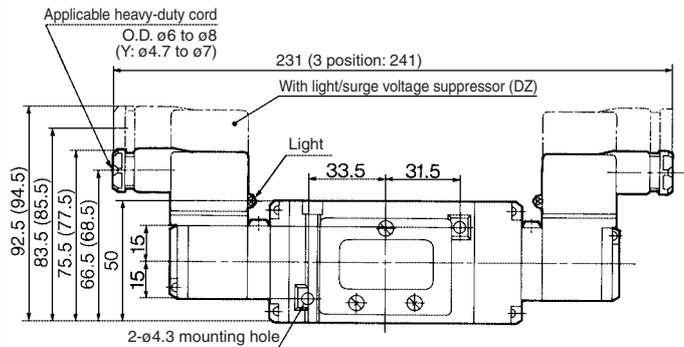
Grommet: VFS3220-□G, VFS3320-□G, VFS3420-□G, VFS3520-□G



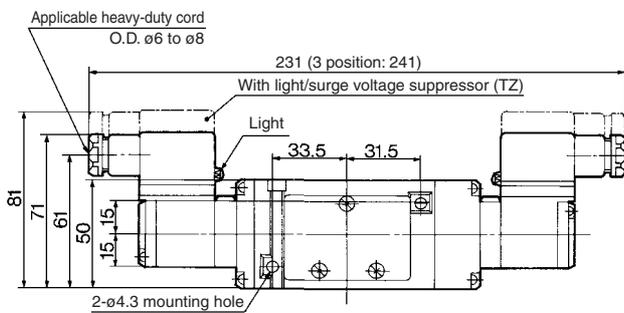
Grommet terminal: VFS3220-□E/EZ VFS3320-□E/EZ
VFS3420-□E/EZ VFS3520-□E/EZ



DIN terminal: VFS3220-□D/DZ/Y/YZ
VFS3320-□D/DZ/Y/YZ
VFS3420-□D/DZ/Y/YZ
VFS3520-□D/DZ/Y/YZ



Conduit terminal: VFS3220-□T/TZ VFS3320-□T/TZ
VFS3420-□T/TZ VFS3520-□T/TZ



(): Y, YZ

5 Port Pilot Operated Solenoid Valve Metal Seal, Plug-in/Non Plug-in Series **VFS3000**

Model

Type of actuation		Model		Port size Rc	Flow characteristics						Max. operating cycle (cpm) ⁽¹⁾	Response time (ms) ⁽²⁾	Weight (kg) ⁽³⁾
		Plug-in	Non plug-in		1 → 4/2 (P → A/B)			4/2 → 5/3 (A/B → R1/R2)					
					C [dm ³ /(s·bar)]	b	Cv	C [dm ³ /(s·bar)]	b	Cv			
2 position	Single	VFS3100	VFS3110	1/4	6.0	0.15	1.4	5.8	0.12	1.3	1200	20 or less	0.31
				3/8	7.3	0.23	1.8	6.8	0.12	1.6			
	Double	VFS3200	VFS3210	1/4	6.0	0.15	1.4	5.8	0.12	1.3	1500	15 or less	0.41
				3/8	7.3	0.23	1.8	6.8	0.12	1.6			
3 position	Closed center	VFS3300	VFS3310	1/4	5.8	0.21	1.4	5.4	0.14	1.2	600	40 or less	0.43
				3/8	6.8	0.22	1.7	6.3	0.12	1.5			
	Exhaust center	VFS3400	VFS3410	1/4	6.1	0.23	1.4	5.0	0.14	1.2	600	40 or less	0.43
				3/8	7.4	0.20	1.8	5.6	0.18	1.3			
	Pressure center	VFS3500	VFS3510	1/4	6.0	0.22	1.5	5.8	0.16	1.3	600	40 or less	0.43
				3/8	7.2	0.19	1.8	7.1	0.18	1.8			
Double check	VFS3600	VFS3610	1/4	4.0	—	—	3.5	—	—	600	50 or less	0.91	
			3/8	4.0	—	—	3.7	—	—				


 Note 1) Based on JIS B 8375 (once per 30 days) for the minimum operating frequency. Note 2) Based on JIS B 8375-1981 (the value at supply press. 0.5 MPa). Note 3) The figures in the above list are for without sub-plate. In the case of with plug-in sub-plate and with non plug-in sub-plate, add 0.30 kg and 0.27 kg respectively. Note 4) "Note 1)" and "Note 2)" are with controlled clean air.

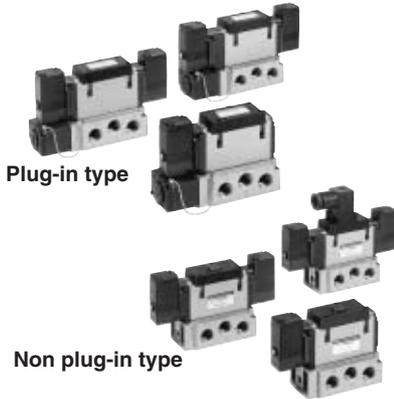
Compact yet provides a large flow capacity
3/8: C: 5.8 dm³/(s·bar)

Low power consumption: 1.8 W DC

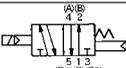
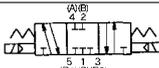
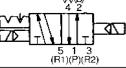
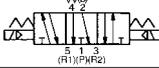
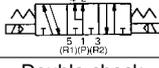
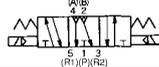
Easy maintenance

2 types of sub-plates:

Plug-in and non plug-in



JIS Symbol

2 position	3 position
Single	Closed center
	
Double	Exhaust center
	
	Pressure center
	
	Double check
	

Standard Specifications

Valve specifications	Fluid	Air/Inert gas		
	Maximum operating pressure	1.0 MPa		
	Minimum operating pressure	0.1 MPa		
	Proof pressure	1.5 MPa		
	Ambient and fluid temperature	-10 to 60°C ⁽¹⁾		
	Lubrication	Non-lube ⁽²⁾		
	Pilot valve manual override	Non-locking push type (Flush)		
	Shock/Vibration resistance	150/50 m/s ² ⁽³⁾		
	Enclosure	Type E: Dustproof (Level 0), Type F: Dripproof (Level 2), Type D: Splashproof (Level 4) ⁽⁴⁾		
	Electricity specifications	Coil rated voltage	100, 200 VAC, 50/60 Hz; 24 VDC	
Allowable voltage fluctuation		-15 to +10% of rated voltage		
Coil insulation type		Class B or equivalent (130°C) ⁽⁵⁾		
Apparent power (Power consumption) AC		Inrush	5.6 VA/50 Hz, 5.0 VA/60 Hz	
		Holding	3.4 VA (2.1 W)/50 Hz, 2.3 VA (1.5 W)/60 Hz	
Power consumption DC		1.8 W (2.04 W: With light/surge voltage suppressor)		
Electrical entry		Plug-in type	Conduit terminal	
	Non plug-in type	DIN terminal, Grommet terminal		


 Note 1) Use dry air at low temperatures. Note 2) Use turbine oil Class 1 (ISO VG32), if lubricated. Note 3) Impact resistance: No malfunction occurred when it is tested with a drop tester in the axial direction and at the right angles to the main valve and armature in both energized and de-energized states every once for each condition. (Values at the initial period)

Vibration resistance: No malfunction occurred in a one-sweep test between 45 and 2000 Hz. Test was performed at both energized and de-energized states in the axial direction and at the right angles to the main valve and armature. (Values at the initial period)

Note 4) Based on JIS C 0920. Note 5) Based on JIS C 4003.

Option

Pilot type	External pilot ^{Note)}	
Manual override	Main valve	Direct manual override type
	Pilot valve	
Coil rated voltage	110 to 120, 220, 240 VAC (50/60 Hz)	
Porting specifications	12, 100 VDC	
Option	Bottom ported	
	With light/surge voltage suppressor	


 Note) Operating pressure: 0 to 1.0 MPa
Pilot pressure: 0.1 to 1.0 MPa

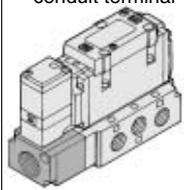
How to Order

Body type

O: Plug-in type sub-plate



F: Plug-in type conduit terminal



Porting specifications

Nil	Side ported
B*	Bottom ported

* Option

Port size

Nil	Without sub-plate
02	Rc 1/4
03	Rc 3/8

* For bottom ported, Rc 1/4 is only available.

Thread type

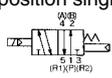
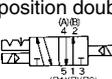
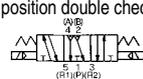
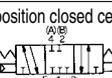
Nil	Rc
N*	NPT
T*	NPTF
F*	G

* Option

Plug-in VFS3 1 0 0 1 F 02

Non plug-in VFS3 2 1 1 2 D 02

Symbol

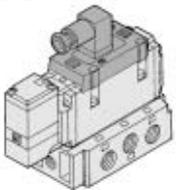
1 2 position single 	5 3 position pressure center 
2 2 position double 	6 3 position double check 
3 3 position closed center 	
4 3 position exhaust center 	

* Reverse pressure: Can be used by external pilot specifications.

Option

Nil	None
Z	With light/surge voltage suppressor

Electrical entry

E: Grommet terminal 	D: DIN terminal 
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Coil rated voltage

1	100 VAC, 50/60 Hz
2	200 VAC, 50/60 Hz
3*	110 to 120 VAC, 50/60 Hz
4*	220 VAC, 50/60 Hz
5	24 VDC
6*	12 VDC
7*	240 VAC, 50/60 Hz
9*	Other

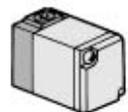
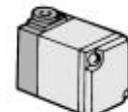
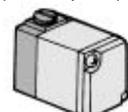
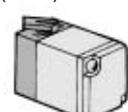
* Option

Pilot type

Nil	Internal pilot
R*	External pilot

* Option

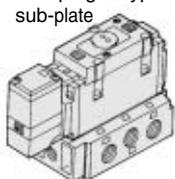
Pilot valve Manual override

Nil: Non-locking push type (Flush) 
A*: Non-locking push type (Extended) 
B*: Locking type (Tool required) 
C*: Locking type (Lever) 

* Option

Body type

1: Non plug-in type sub-plate



Body Option

0	Standard
1*	Direct manual override

* Option

How to Order Pilot Valve Assembly

SF4 - 1 F - 30

Coil rated voltage		Manual override	
Symbol	Rated voltage	Symbol	Manual override
1	100 VAC, 50/60 Hz	Nil	Non-locking push type (Flush)
2	200 VAC, 50/60 Hz	A*	Non-locking push type (Extended)
3*	110 to 120 VAC, 50/60 Hz	B*	Locking type (Tool required)
4*	220 VAC, 50/60 Hz	C*	Locking type (Lever)
5	24 VDC		
6*	12 VDC		
7*	240 VAC, 50/60 Hz		
9*	Other		

* Option

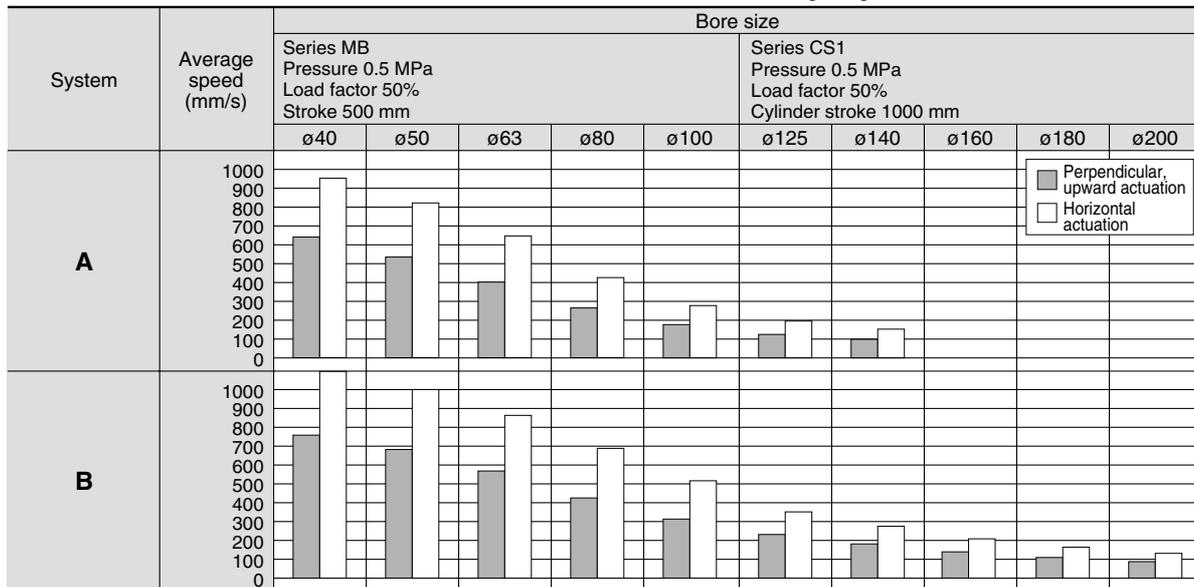


* Refer to page 3-8-5 for voltage conversion.

5 Port Pilot Operated Solenoid Valve Metal Seal, Plug-in/Non Plug-in Series VFS3000

Cylinder Speed Chart

Use as a guide for selection.
Please confirm the actual conditions with SMC Sizing Program.



System Components

System	Solenoid valve	Speed controller	Silencer	SGP (Steel pipe) Port size x Length
A	Series VFS3000 Rc 1/4	AS4000-02 (S = 24 mm ²)	AN200-02 (S = 35 mm ²)	6A x 1 m
B	Series VFS3000 Rc 3/8	AS420-03 (S = 73 mm ²)	AN300-03 (S = 60 mm ²)	10A x 1 m



* It is when the cylinder is extending that is meter-out controlled by speed controller which is directly connected with cylinder, and its needle valve with being fully open.

* The average velocity of the cylinder is what the stroke is divided by the total stroke time.

* Load factor: ((Load weight x 9.8)/Theoretical force) x 100%

VK

VZ

VF

VFR

VP4

VZS

VFS

VS4

VQ7

EVS

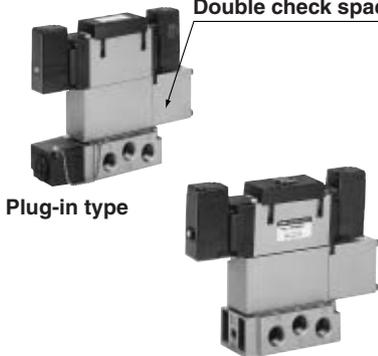
VFN

Double Check Spacer/Specifications

Can hold an intermediate cylinder position for an extended time

If the double check spacer with a built-in double check valve is combined, it will enable the cylinder to stop in the intermediate stroke and maintain its position for a long time without being affected by the leakage between the spools.

Double check spacer



Plug-in type

Non plug-in type

Specifications

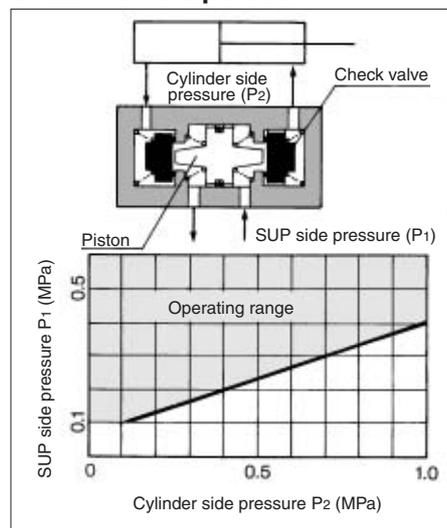
Double check spacer part no.	Plug-in type		Non plug-in type	
	VVFS3000-22A-1	VVFS3000-22A-2	VVFS3410-□D	VVFS3410-□E
Leakage* (cm ³ /min)	Solenoid one side energized	P	EA	230 or less
		P	EB	230 or less
	Solenoid both sides de-energized	A	EA	0
		B	EB	0

* Supply pressure: 0.5 MPa

⚠ Caution

- In the case of 3 position double check valve (VFS36□0), check the leakage from piping and fittings in between valve and cylinder by means of synthetic detergent solutions, and ensure that there is no such leakage found there. Also check the leakage from cylinder seal and piston seal. If there is any leakage, sometimes the cylinder, when valve is de-energized, can move without stopping at intermediate position.
- Be aware that if the exhaust side is restricted excessively, the intermediate stopping accuracy will decrease and will lead to improper intermediate stops.

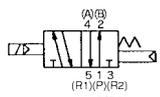
Check Valve Operation



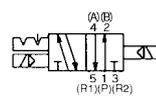
- The combination of VFS31□0, VFS32□0 and double check spacer can be used as prevention for falling at the stroke end but cannot hold the intermediate position of the cylinder.

Series VFS3000

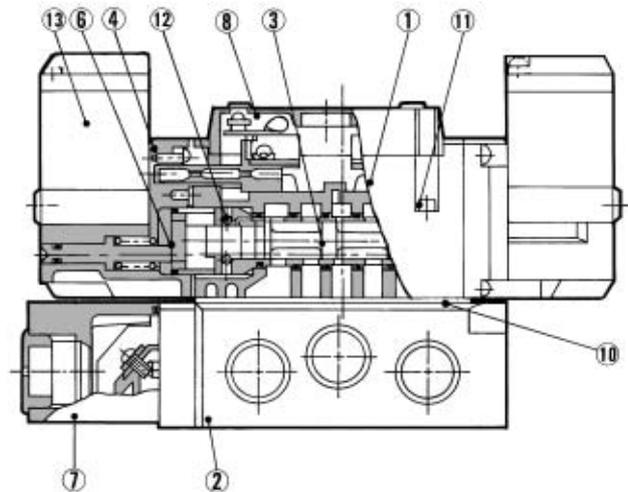
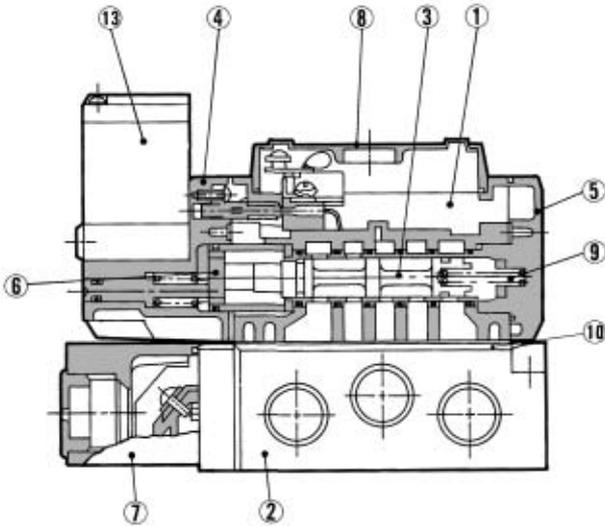
Construction



2 position single



2 position double



3 position closed center/exhaust center/pressure center

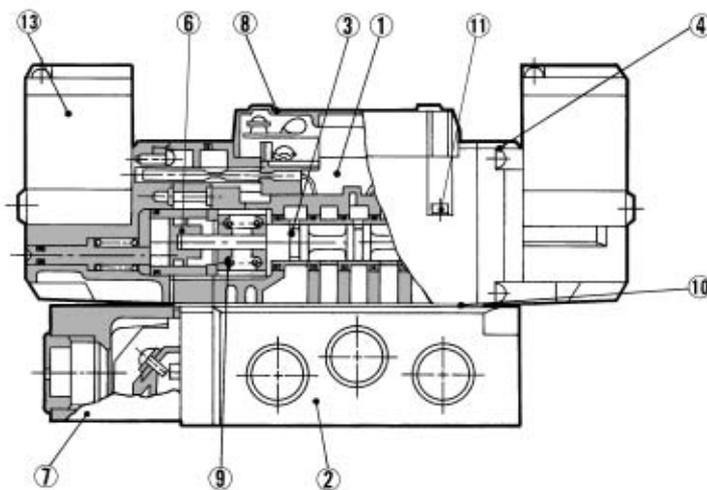
Closed center



Exhaust center



Pressure center



Component Parts

No.	Description	Material	Note
①	Body	Aluminum die-casted	Platinum silver
②	Sub-plate	Aluminum die-casted	Platinum silver
③	Spool/Sleeve	Stainless steel	—
④	Adapter plate	Resin	Black
⑤	End plate	Resin	Black
⑥	Piston	Resin	—
⑦	Junction cover	Resin	—
⑧	Light cover	Resin	—

Sub-plate Part No.

Plug-in	VFS3000-P- ⁰² / ₀₃
Non plug-in	VFS3000-S- ⁰² / ₀₃



* Mounting bolt and gasket are not included.

Part no. for mounting bolt and gasket

BG-VFS3000

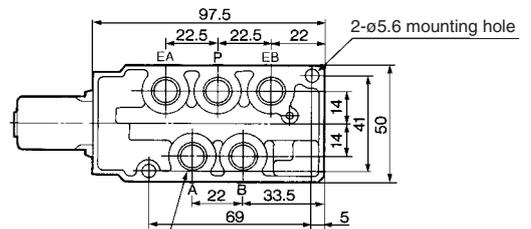
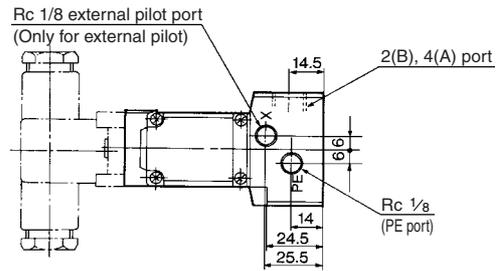
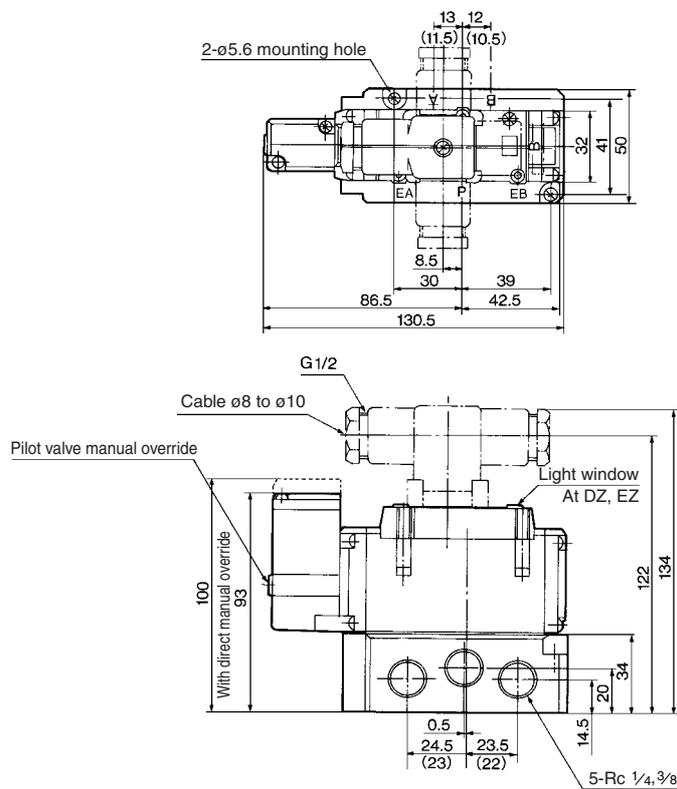
Replacement Parts

No.	Description	Material	Part no.		
			VFS31□□	VFS32□□	VFS33□□/34□□/35□□
⑨	Return spring	Stainless steel	VFS3000-17-1	—	VFS3000-17-2
⑩	Gasket	NBR	VFS3000-20	VFS3000-20	VFS3000-20
⑪	Hexagon socket head screw	Steel	M3 x 32	M3 x 32	M3 x 32
⑫	Detent assembly	—	—	VFS3000-9A	—
⑬	Pilot valve assembly	—	Refer to "How to Order Pilot Valve Assembly" on page 3-8-54.		

Series VFS3000

Non Plug-in 2 Position single/double, 3 position closed center/exhaust center/pressure center/double check

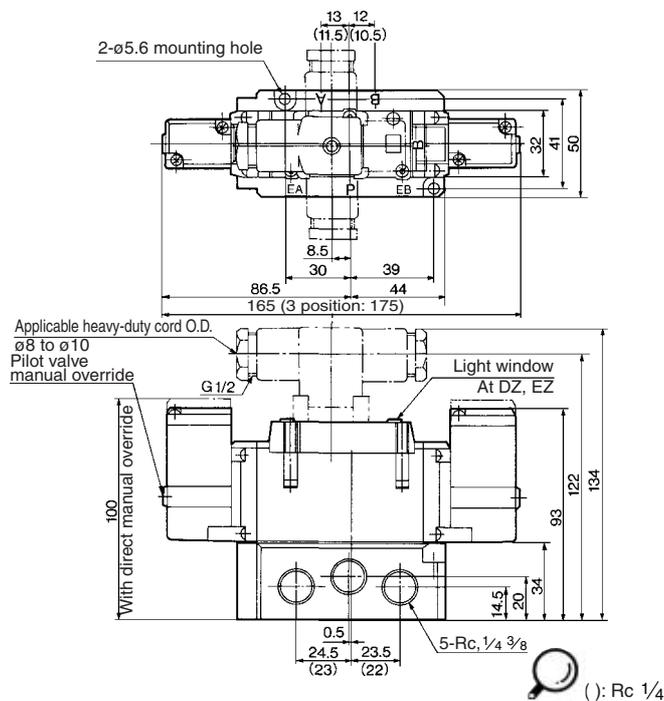
2 position single: VFS3110-□E, VFS3110-□D



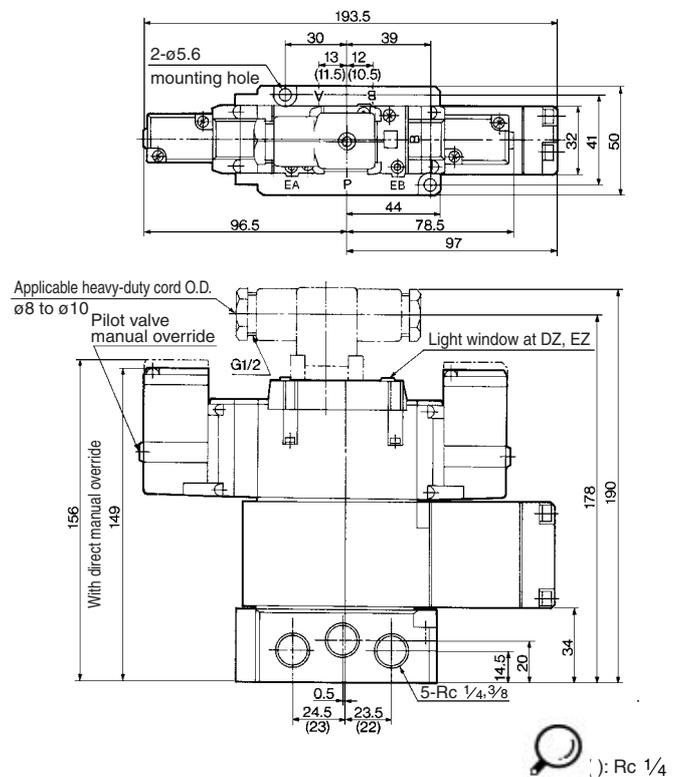
Bottom ported



2 position double: VFS3210-□E, VFS3210-□D 3 position closed center: VFS3310-□E, VFS3310-□D 3 position exhaust center: VFS3410-□E, VFS3410-□D 3 position pressure center: VFS3510-□E, VFS3510-□D



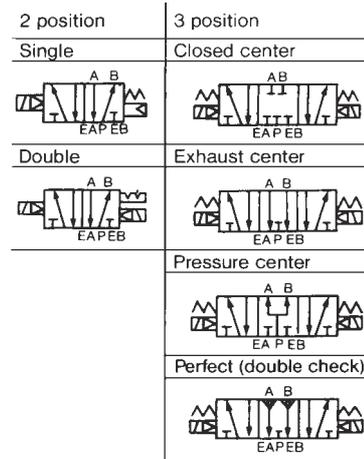
3 position double check: VFS3610-□E, VFS3610-□D



MODEL NVFS3000

Position	Number Of Solenoid	Type Plug-In	Port Size (NPTF)	Cv Factor	Response Time (ms)
2 Position	Single	NVFS3100	1/4	1.8	20 or less
			3/8	2	
	Double	NVFS3200	1/4	1.8	15 or less
			3/8	2	
3 Position	Closed Center	NVFS3300	1/4	1.8	40 or less
			3/8	2	
	Exhaust Center	NVFS3400	1/4	1.8	40 or less
			3/8	2	
	Pressure Center	NVFS3500	1/4	1.8	40 or less
			3/8	2	
Perfect (Double Check)	NVFS3600	1/4	1.1	50 or less	
		3/8	1.2		

SYMBOLS



TECHNICAL SPECIFICATIONS STANDARD

	Fluid	Air and Inert Gas	
Valve	Max Operating Pressure	150 PSI (1MPa)	
	Min Operating Pressure	22 PSI (0.15MPa)	
	Ambient & Fluid Temperature	14~140°F (-10~60°C)	
	Lubrication	Not Required	
	Pilot Operator Manual Override	Non Locking Push Type (Flush)	
	Protection Construction	Dust Proof	
Electrical	Rated Voltage	AC 110VAC50/60Hz, 220V50/60Hz, 24V50/60Hz	
		DC 12V, 24V	
	Allowable Voltage Range	-15 ~ 10% Rated Voltage	
	Coil Insulation	Class B or Equivalent	
	Apparent Power AC (Power Consumption)	InRush	5.0VA/60Hz, 5.6VA/50Hz
		Holding	2.3VA(1.5W)/60Hz, 3.4VA(2.1W)/50Hz
	Power Consumption DC	1.8W	
Electrical Entry	Plug In	Conduit Terminal (Base Access)	

TECHNICAL SPECIFICATIONS OPTIONAL

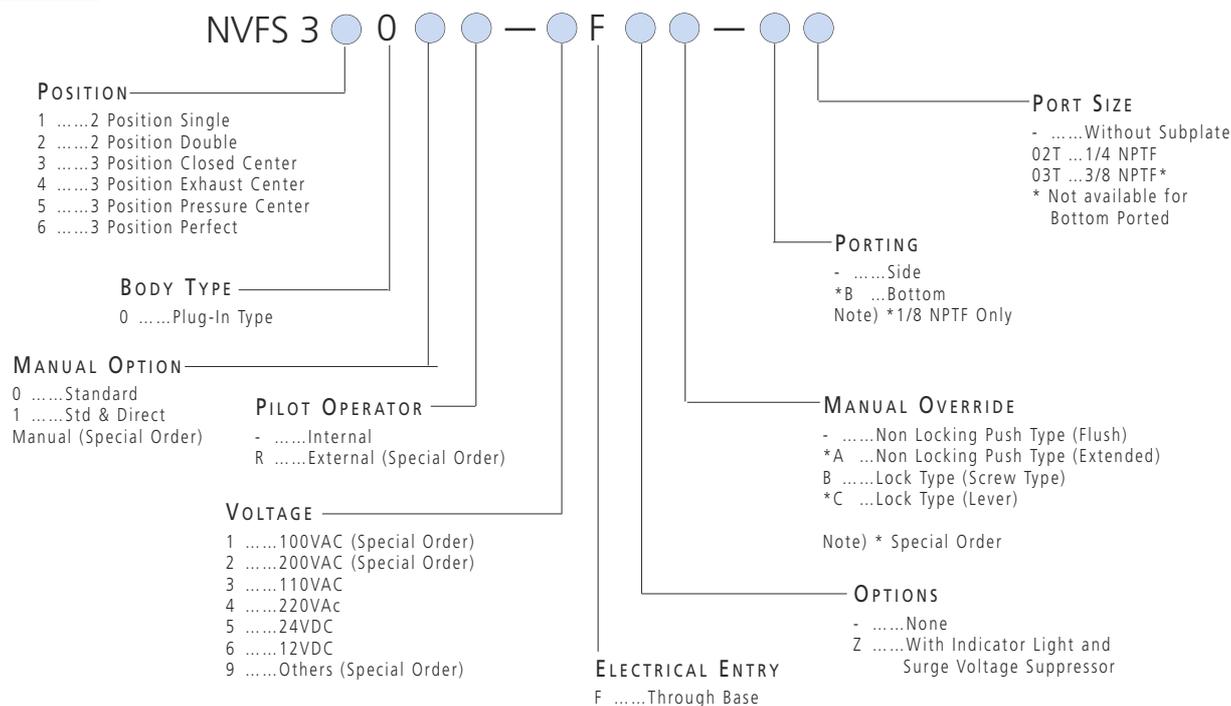
Pilot Type	External Pilot Type	
Manual Override	Main Valve	Direct Manual Override Type
	Pilot Operator	Non Locking Push Type (Extended), Lock Type (Tool), Lock Type (Lever)
Voltage	AC	100V50/60Hz, 200V50/60Hz
	DC	6V, 48V, 100V
Porting	Bottom Ported Subplate	
Option	W/Indicator Light & Surge Voltage Suppressor	

SEE INSIDE FRONT COVER FOR
DETAILS OF YOUR LOCAL SALES OFFICE



FOR FURTHER TECHNICAL
DETAILS ON THIS
PRODUCT, REQUEST
CATALOG REFERENCE
N233

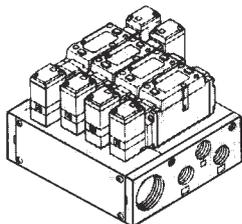
HOW TO
ORDER
NVFS3000



HOW TO
ORDER
MANIFOLD

Plug-in Type: With Terminal Blocks

● Lead wires of solenoid valve are connected with the terminals on upper surface of terminal block, corresponding lead wires from power source can be wired at the bottom of terminal block.



NVV5FS3—01T—06 1—02T

Series NVFS3000
Manifold valve

Plug-in type
With terminal block

Stations

02	2 stations
⋮	⋮
10	10 stations

● Port size

Symbol	A, B
02T	1/4NPTF
03T	3/8NPTF
* Bottom ported 1/4NPTF only.	

● Porting Symbol

Symbol	Port specifications		Porting Specifications (A,B)
	P	EA, EB	
1	Common	Common	Side
*2			Bottom (Option)
Mixed			

* Special Order.



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