





1)Valve's type	2Model	③Port size	4 Button color	5Thread type			
	B:Basic type			M5	1/8" 1/4"		
	C:Long handle type				T: NPT		
	D:Short handle type						
	Y:Lever type		No this code				
	R:Roller type	05.45					
S3: S type	L:Roller with free return type	05:M5 06:1/8"					
3/2 Way	V:Vertical type	08:1/4"		No this code			
	PL:Latching type		R:Red	Code			
	PP:Protruding type						
	PF:Flat type		R:Red G:Green				
	PM:Mushroom type		B:Black				
	HS:Selector type						

Specification

Model	S3B	S3C	S3D	S3V	S3R	S3I	S3Y	S3PM	S3PP	S3PF	S3PI	S3HS
Fluid	333	S3B S3C S3D S3V S3R S3L S3Y S3PM S3PP S3PF Air (to be filtered by 40 μ m filter element)							001 2	55115		
Operating							•	ct actin				
Port size [Note1]		05:M5 06:1/8" 08:1/4"										
Orifice size	05:	2.5 mn	n² (Cv	=0.14) 06	:8.0mr	n² (C\	/=0.45)	08:1	2.0mm	(Cv=	0.67)
Valve type		3/2 Way										
Lubrication [Note2]						Not	requi	red				
Pressure range					0	~145p	si(0~1	.0MPa)				
Proof pressure	215psi(1.5MPa)											
Temperature $^{\circ}\!$	-20~70											
Material body						Alum	inum a	alloy				

[Note1] NPT thread is available.

[Note2] Once lubricated air is used, continue with same medium to optimise valve life span. It is suggested to use ISO VG32 lubricant or the oil with the same grade.





Product feature

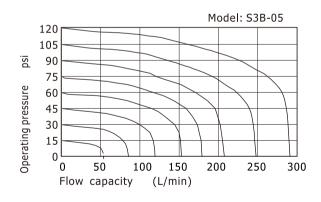
- 1. The external force required by changing the direction of the series of S3B, S3R, S3L and S3V is provided by external mechanism, which can be used for position test or limit switch.
- 2. The series of S3PF, S3PM, S3PP, S3PL, S3Y, S3HS, S3C and S3D are operated manually, owning control joints with several structure forms and suitable for application under different conditions.
- 3. Shut-off structure has good tightness and is sensitive in direction changing and lubricant is not necessary.
- 4. Multi-mounting makes it convenient to install and apply.
- 5. The control joints of series of S3C, S3D, S3Y, S3R and S3L are made of metal which has long service life andmore reliable and steady performance.

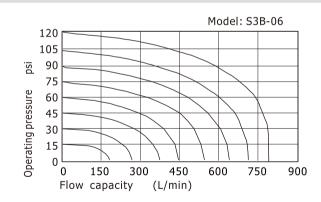
Reversal stroke

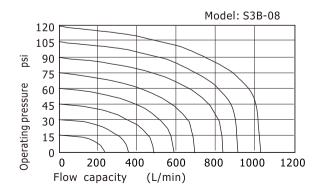
Unit: mm

Type	Spool stroke	Button stroke	Type	Spool stroke	Roller(handle) stroke
S3B	2.4~4.0	_	S3R	2.4~3.4	5.5~7.8
S3PF	2.4~4.0	3.8~5.4	S3L	2.4~3.4	6.0~8.6
S3PP	2.4~4.0	3.8~5.4	S3V	2.4~3.8	3.4~4.8
S3PM	2.4~4.0	3.8~5.4	S3C	2.4~3.8	14.4~18.4
S3PL	2.4~4.0	5.9~7.5	S3D	2.4~3.8	7.4~9.4
S3HS	2.4~4.0	5.1~6.7			

Flow chart



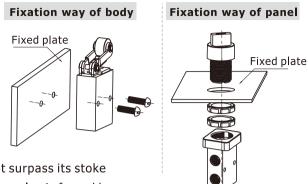






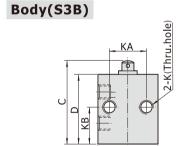
Installation and Application

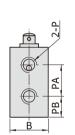
- 1) The control set is made of engineering plastic which only allows manual operation and switching valves through metal impact is forbidden.
- 2) The series of S3B, S3C, S3D, S3PM, S3PF and S3PP get the function of automatic restoration. The hand valves of S3Y, S3HS and S3PL are in the type of manual restoration. S3PL will be restored by turning the revolve button after being pressed into orientation.



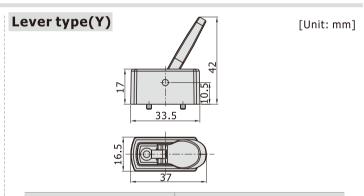
- 3) Pay attention to the reversing stroke. The reversing stroke can not surpass its stoke stipulated in stroke control table when the direction-change of the valve is forced by any external forces, otherwise it will cause the damage of the valve.
- 4) The S3L can only switch the valve in single direction (impact from right to left). The impact from the other direction is invalid (from left to right).
- 5) Control joint combination can be ordered individually. Please refer to the table on the right for order details.

Dimensions



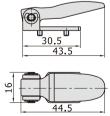


Model\Item	Α	В	С	D	K	KA	KB	Р	PA	РВ
05	26	16.5	36	30	M5x0.8	16	15	M5x0.8	13	9
06	30	16.5	47	41	M5x0.8	23	20.5	1/8"	17.5	11.5
08	34	17.5	52	46	M5x0.8	24	22.5	1/4"	21	12



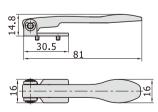
P	1odel	Lever type(Y)
How to	Ordering code	M3Y210-P13A
order	Туре	M3Y210Lever type control set
Applicat	ole products	S3Y05,S3Y06,S3Y08

Short handle type(D)



	Model	Short handle type(D)
How to	Ordering code	M3D210-P13A
order	Туре	M3D210 Short handle type control set
Applicable products		S3D05,S3D06,S3D08

Long handle type(C)

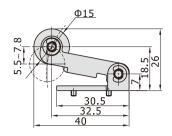


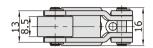
Model		Long handle type(C)		
How to	Ordering code	M3C210-P13A		
order	Туре	M3C210 Long handle type control set		
Applicable products		S3C05,S3C06,S3C08		





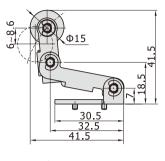
Roller type(R)

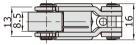




	Model	Roller type(R)
How to	Ordering code	M3R210-P14A
order	Туре	M3R210 Roller type control set
Applicable products		S3R05,S3R06,S3R08

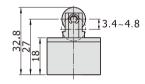
Roller with free return type(L)

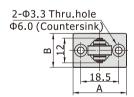




	Model	Roller with free return type(L)
How to	Ordering code	M3L210-P14A
order	Туре	M3L210 Roller with free return type control set
Applica	able products	S3L05,S3L06,S3L08

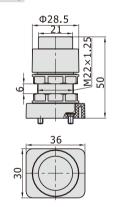
Vertical type(V)





	Model	Verti	cal type(V)			
How to	Ordering code	S3V05(06/08)-P14A				
order	Туре	S3V05(06.08) Vertical type control				
Applicable products		S3V05,S3V06,S3V08				
Model\Item		Α	В			
	05	26	16.5			
06		30	16.5			
	08	34	17.5			

Protruding type(PP)

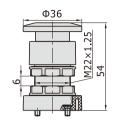


	Model	Protruding type(PP)
	Ordering code	S3PP05-P11A
	Туре	S3PP protruding type control set (Green)
How	Ordering code	S3PP05-P12A
to order	Туре	S3PP protruding type control set (Red)
01401	Ordering code	S3PP05-P13A
	Туре	S3PP protruding type control set (Black)
Appli	cable products	S3PP05,S3PP06,S3PP08

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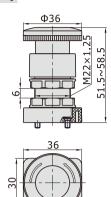
Mushroom type(PM)





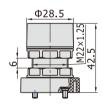
	Model	Mushroom type(PM)
	Ordering code	S3PM05-P11A
	Туре	S3PM mushroom type control set (Green)
How	Ordering code	S3PM05-P12A
to order	Туре	S3PM mushroom type control set (Red)
0.00.	Ordering code	S3PM05-P13A
	Туре	S3PM mushroom type control set (Black)
Applicable products		S3PM05,S3PM06,S3PM08

Latching type(PL)



Model		Latching type (only red)(PL)
How to order	Ordering code	S3PL05-P12A
	Туре	S3PL Latching type control set (Red)
Applicable products		S3PL05,S3PL06,S3PL08

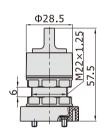
Flat type(PF)





Model		Flat type(PF)
How to order	Ordering code	S3PF05-P11A
	Туре	S3PF flat type control set (Green)
	Ordering code	S3PF05-P12A
	Туре	S3PF flat type control set (Red)
	Ordering code	S3PF05-P13A
	Туре	S3PF flat type control set (Black)
Applicable products		S3PF05,S3PF06,S3PF08

Selector type(HS)





Model		Selector type(HS)
How to order	Ordering code	S3HS05-P11A
	Туре	S3HS selector type control set (Green)
	Ordering code	S3HS05-P12A
	Туре	S3HS selector type control set (Red)
	Ordering code	S3HS05-P13A
	Туре	S3HS selector type control set (Black)
Applicable products		S3HS05,S3HS06,S3HS08

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