

MODEL No.
BASE MOUNTED:SY5*00R***-***1-*-X350
TOP PORTED :SY5*30R***-***1-**-*-X350

TYPE OF ACTUATION
- A :4 POSITION DUAL 3 PORT VALVE (N.C./N.C.)
- B :4 POSITION DUAL 3 PORT VALVE (N.O./N.O.)
- C :4 POSITION DUAL 3 PORT VALVE (N.C./N.O.)

BACK PRESSURE CHECK VALVE (BUILT-IN VALVE TYPE)
- NIL:NONE
- H :BUILT-IN

PILOT VALVE OPTION
- NIL:STANDARD(0.7MPa)
- B :QUICK RESPONCE TYPE(0.7MPa)

COIL TYPE
- NIL:STANDARD
- T :WITH POWER SAVING CIRCUIT (CONTINUOUS DUTY TYPE)

RATED VOLTAGE
- 5 :24VDC
- 6 :12VDC

LIGHT & SURGE SUPPRESSOR AND COMMON SPECIFICATION
- NIL:W/O INDICATOR LIGHT & SURGE SUPPRESSOR
- R :W/SURGE SUPPRESSOR (NON-POLAR)
- U :W/INDICATOR LIGHT & SURGE SUPPRESSOR (NON-POLAR)
- S :W/SURGE SUPPRESSOR(POSITIVE COMMON)
- Z :W/INDICATOR LIGHT & SURGE SUPPRESSOR (POSITIVE COMMON)
- NS :W/SURGE SUPPRESSOR(NEGATIVE COMMON)
- NZ :W/INDICATOR LIGHT & SURGE SUPPRESSOR (NEGATIVE COMMON)
- * ONLY "Z" AND "NZ" TYPE IS AVAILABLE FOR THE PRODUCT WITH POWER SAVING CIRCUIT.

TYPE OF MOUNTING SCREW
- NIL:ROUND HEAD COMBINATION SCREW
- B :HEXAGON SOCKET HEAD CAP SCREW
- K :ROUND HEAD COMBINATION SCREW (FALLING-OUT-PREVENTION TYPE)
- H :HEXAGON SOCKET HEAD CAP SCREW (FALLING-OUT-PREVENTION TYPE)

THREAD TYPE
- NIL:Rc
- F :G
- N :NPT
- T :NPTF

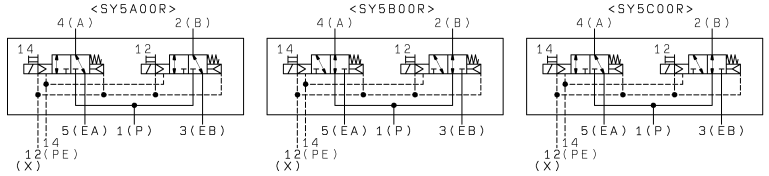
A,B PORT SIZE
- 01:1/8"
- C4:ONE-TOUCH FITTINGS FOR ø4 TUBE
- C6:ONE-TOUCH FITTINGS FOR ø6 TUBE
- C8:ONE-TOUCH FITTINGS FOR ø8 TUBE
- N3:ONE-TOUCH FITTINGS FOR ø5/32" TUBE
- N7:ONE-TOUCH FITTINGS FOR ø1/4" TUBE
- N9:ONE-TOUCH FITTINGS FOR ø5/16" TUBE

MANUAL OVERRIDE
- NIL:NON-LOCKING PUSH TYPE

SPECIAL REQUIREMENT
1. SPRING RETURN TYPE(WHEN THE PILOT AIR SUPPLY IS CUT,THE MAIN VALVE RETURNS TO THE ORIGINAL POSITION.)
2. LIFE TIME B10=25 MILLION CYCLES
3. OPERATING PRESSURE RANGE:-100kPa TO 0.5MPa
4. PILOT PRESSURE RANGE:OPERATING PRESSURE +0.2MPa OR MORE(MIN.0.25MPa) TO 0.7MPa

NOTES
1. FOR DETAILS OF THE PRODUCT SPECIFICATIONS, PLEASE REFER TO THE STANDARD CATALOG.
2. THIS DRAWING SHOWS THE CASE OF "SY5*00R -**1-X350".
3. TECHNICAL DATA WHICH ARE NOT SHOWN ON THE DRAWING CORRESPOND TO STANDARD PRODUCT.
4. UNLESS OTHERWISE NOTED ALONG WITH A SEPARATE CONTRACT OR AGREEMENT WITHIN THE PRODUCT SPECIFICATIONS, THE SAFETY INSTRUCTIONS SPECIFIED IN THE PRODUCT CATALOG ARE APPLIED.PLEASE CONTACT YOUR LOCAL SMC SALES OFFICE FOR FURTHER DETAILS.
5. DIMENSIONS ARE IN MILLIMETERS.

SYMBOL



REV.QTY	DESCRIPTION	DATE(PREPARED)	REV NO
A	RENEWAL	2015-12-02K.MATSUDA	SY5000V-DMT0024
0	INITIAL RELEASE	2015-11-27M.SUSUKI	-

TOLERANCES JIS B 0405			
RANGE(mm)	GRADE f	m	c
0.5≤0≤3	±0.05	±0.1	±0.2
3<0≤6	±0.05	±0.1	±0.3
6<0≤30	±0.1	±0.2	±0.5
30<0≤120	±0.15	±0.3	±0.8
120<0≤400	±0.2	±0.5	±1.2
400<0≤1000	±0.3	±0.8	±2
1000<0≤2000	±0.5	±1.2	±3

DRAWN	M.USHIJIMA	
DATE	2015-12-02	
DESIGNED	K.MATSUDA	
DATE	2015-12-02	
CHECKED		
DATE		
APPROVED	S.SUMIYOSHI	
DATE	2015-12-07	

FINISH
PAINT
MASS
PACKING
MATERIAL
MATERIAL SIZE
SCALE FREE
MODEL
QTY
THIRD ANGLE
DWG NAME 5 PORT SOLENOID VALVE
DWG NO A SY5[A,B,C]0R***-***1-**-*-X350
REVISION 1
DWG NO BA44230401
SMC Corporation

FINISH:表面処理 / PAINT:塗装 / MASS:質量
PACKING:包装荷姿 / MATERIAL:材質
MATERIAL SIZE:材料寸法

SY5000V-PMS5096 DWG NAME PILOT VALVE:V100 SERIES DWG REC

A1-V06