ON ONO

MODEL NO.
BASE MOUNTED:SY7*00R**-***1-*-X323
TOP PORTED :SY7*30R**-***1-**-*-X323

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.)

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 VOLTAGE SUPPRESSOR AND COMMON SPECIFICATION
- NIL:WITHOUT LIGHT/SURGE VOLTAGE SUPPRESSOR (NON-POLAR)
- R :WITH SURGE VOLTAGE SUPPRESSOR(NON-POLAR)
- U :WITH LIGHT/SURGE VOLTAGE SUPPRESSOR(NON-POLAR)
- S :WITH SURGE VOLTAGE SUPPRESSOR(POSITIVE COMMON)
- Z :WITH LIGHT/SURGE VOLTAGE SUPPRESSOR (POSITIVE COMMON)
- NS:WITH SURGE VOLTAGE SUPPRESSOR(NEGATIVE COMMON)
- NZ:WITH LIGHT/SURGE VOLTAGE SUPPRESSOR (NEGATIVE COMMON)
- * ONLY "Z" & "NZ" TYPES ARE 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)

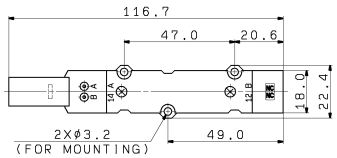
THREAD TYPE
- NIL:Rc
- F :G
- N :NPT
- T :NPTF

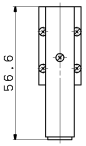
A,B PORT SIZE
- 02:1/4"
- C6:ONE-TOUCH FITTINGS FOR ø6 TUBE
- C8:ONE-TOUCH FITTINGS FOR ø8 TUBE
- C10:ONE-TOUCH FITTINGS FOR ø10 TUBE
- C12:ONE-TOUCH FITTINGS FOR ø12 TUBE
- N7:ONE-TOUCH FITTINGS FOR ø1/4" TUBE
- N9:ONE-TOUCH FITTINGS FOR ø5/16" TUBE
- N11:ONE-TOUCH FITTINGS FOR ø3/8" TUBE

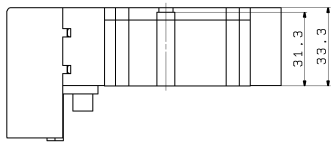
MANUAL OVERRIDE
- NIL:NON-LOCKING PUSH TYPE

SPECIFICATIONS

| | |
|---|---|
| VALVE TYPE | EXTERNAL PILOT 4-POSITION DUAL 3 PORT SOLENOID VALVE |
| FLUID | AIR |
| OPERATING PRESSURE RANGE | 0.25 TO 0.7MPa |
| EXTERNAL PILOT PRESSURE RANGE | OPERATING PRESSURE OR MORE TO 0.7MPa |
| AMBIENT&OPERATING FLUID TEMPERATURE | -10 TO 50°C(NON FREEZE) |
| VOLTAGE TOLERANCE | -10 TO +10% |
| STANDARDS INFORMATION | CE MARKED |



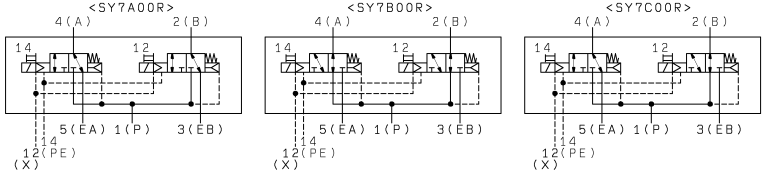




SPECIAL REQUIREMENT
1. OPERATING PRESSURE AND EXTERNAL PILOT PRESSURE ARE EQUAL.
2. SPRING RETURN TYPE(WHEN THE PILOT AIR SUPPLY IS CUT,THE MAIN VALVE RETURNS TO THE ORIGINAL POSITION.)
3. LIFE CYCLES:30 MILLION CYCLES

PARTS ATTACHED
MOUNTING SCREWS(3PCS)
(WHEN A VALVE IS ORDERD AS A SINGLE UNIT.)

NOTES
1. FOR DETAILS OF THE PRODUCT SPECIFICATIONS, PLEASE REFER TO THE STANDARD CATALOG.
2. THIS DRAWING SHOWS THE CASE OF "SY7*00R -*U1-X323".
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.
6. CE MARKED PRODUCT.
[THE RELEVANT TCF IS AVAILABLE AS STANDARD PRODUCT SERIES.]

SYMBOL




| REV | QTY | DESCRIPTION | DATE | PREPARED | REV NO |
|---|---|---|---|---|---|

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

| | | |
|---|---|---|
| DRAWN | M.YOSHIDA | |
| DESIGNED | Y. ITO | 2018-06-20 |
| CHECKED | R.KANEKO | 2018-06-20 |
| APPROVED | S.SUMIYOSHI | 2018-06-21 |

FINISH
PAINT
MASS
PACKING
MATERIAL
MATERIAL SUB
SCALE FREE
THIRD ANGLE
MODEL QTY
DWG NAME DUAL 3 PORT SOLENOID VALVE
DWG NO A SY7[A0/B0/C0]R**-***1-**-*-X323
REVISION

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

SY7000V-PMW5004 DWG NAME PILOT VALVE:V100 SERIES DWG REC DWG ID BA2561300 SMC Corporation

GNST

A1-V06