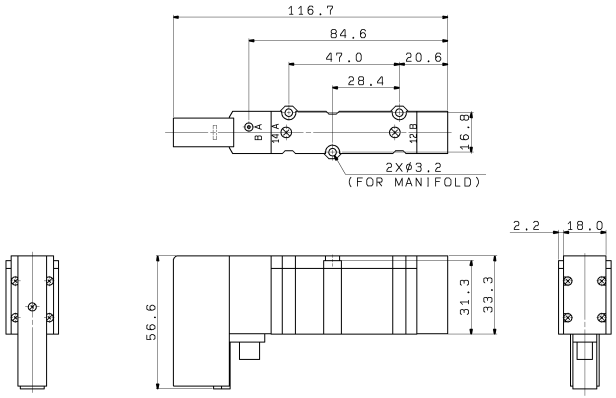


MODEL No.
BASE MOUNTED:SY7100***-***1-**-X350
TOP PORTED :SY7130***-***1-**-**-X350

PILOT TYPE
- NIL:INTERNAL PILOT
- R :EXTERNAL PILOT

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

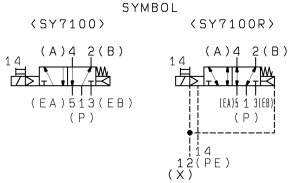
A,B PORT SIZE
- 02:1/4"
- C6:ONE-TOUCH FITTINGS FOR Ø6 TUBE
- C8:ONE-TOUCH FITTINGS FOR Ø8 TUBE
- C10:ONE-TOUCH FITTINGS FOR Ø10 TUBE
- C12:ONE-TOUCH FITTINGS FOR Ø12 TUBE
- N7:ONE-TOUCH FITTINGS FOR Ø1/4" TUBE
- N9:ONE-TOUCH FITTINGS FOR Ø5/16" TUBE
- N11:ONE-TOUCH FITTINGS FOR Ø3/8" TUBE

MANUAL OVERRIDE
- NIL:NON-LOCKING PUSH TYPE

SPECIAL REQUIREMENT
SPRING RETURN TYPE(WHEN THE PILOT AIR SUPPLY IS CUT,THE MAIN VALVE RETURNS TO THE ORIGINAL POSITION.)

NOTES
1. FOR DETAILS OF THE PRODUCT SPECIFICATIONS, PLEASE REFER TO THE STANDARD CATALOG.
2. THIS DRAWING SHOWS THE CASE OF "SY7100 -**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.
6. CE MARKED PRODUCT.
[THE RELEVANT TCF IS AVAILABLE AS STANDARD PRODUCT SERIES.]

SYMBOL



DESCRIPTION	DATE PREPARED	REV NO

FINISH	
PAINT	
MASS	
PACKING	
MATERIAL	
MATERIAL SIZE	
MODEL	QTY
THIRD ANGLE	

TOLERANCES JIS B 0405				
RANGE(mm)	GRADE f	m	c	v
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	Y.MURAKAMI	2017-07-12
DESIGNED	Y. ITO	2017-07-12
CHECKED		
APPROVED	S.SUMIYOSHI	2017-07-14

SCALE: FREE

DWG NAME: 5 PORT SOLENOID VALVE

DWG NO: A SY7130***-***1-**-**-X350

REVISION

DWG NAME: PILOT VALVE:V100 SERIES
DWG REC
DWG ID: BA50230200

SMC Corporation

SY7000V-PMV5004

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

A1-V06