

SPECIFICATIONS

VALVE	VALVE TYPE	5-PORT 2POSITION WITH DETENT	
	VALVE CONSTRUCTION	RUBBER SEAL	
	FLUID	AIR/INERT GAS	
	OPERATING PRESSURE RANGE	VACUUM TO 0.7MPa	
	EXTERNAL PILOT PRESSURE RANGE	0.2 TO 0.7MPa	
	AMBIENT&OPERATING FLUID TEMPERATURE	-10 TO 50°C(NON FREEZE)	
	RESPONSE TIME (P=X=0.5MPa)	AON→BON	33ms OR LESS
SOLENOID	COIL RATED VOLTAGE	24V DC	
	ALLOWABLE VOLTAGE FLUCTUATION	-10 TO 10% OF RATED VOLTAGE	
	COIL INSULATION TYPE	EQUIVALENT TO B TYPE	
	POWER CONSUMPTION (CURRENT)	0.4W DC(17mA)	
STANDARDS INFORMATION		CE MARKED	

FLOW SPECIFICATIONS

FLOW SPECIFICATIONS \ PASSAGE	1→4/2	4/2→5/3
C[dm³/(s·bar)]	2.2	3.2
b	0.28	0.30
Cv	0.55	0.80

NOTES

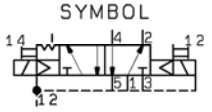
1. WHEN THE EXTERNAL PILOT PRESSURE IS REMOVED OR THE COILS ARE DE-ENERGIZED, THE MAIN VALVE REMAINS THE LAST POSITION UNDER CONDITION BELOW.
   - VIBRATION RESISTANCE(EN60068):50m/s²(0.35mm)(*1)
   - IMPACT RESISTANCE(EN60068):150m/s² AT 11ms DURATION(*2)
   - *1)NO MALFUNCTION OCCURRED IN A ROUND SWEEP TEST BETWEEN 5 AND 200Hz.THE TEST WAS PERFORMED AT BOTH ENERGISED AND DE-ENERGISED STATES IN TEH AXIAL DIRECTION AND AT THE RIGHT ANGLES TO THE MAIN VALVE AND ARMATURE.
   - *2)NO MALFUNCTION OCCURRED WHEN TESTED IN THE AXIAL DIRECTION AND AT THE RIGHT ANGLES TO THE MAIN VALVE AND ARMATURE IN BOTH ENERGISED AND DE-ENERGISED STATES,FIVE TIMES FOR EACH CONDITION.
2. CE MARKED PRODUCT.
   [THE RELEVANT TCF IS AVAILABLE AS STANDARD PRODUCT SERIES.]
3. DIMENSIONS ARE IN MILLIMETERS.

SPECIAL SPECIFICATIONS

1. NEGATIVE COM.
2. EXTERNAL PILOT TYPE.
3. SPECIAL PILOT VALVE COVER.(COLOR:RED)
4. WITH DETENT
5. WITH SPECIAL PRODUCT LABEL

VALVE CODE:B

SYMBOL



REV	QTY	DESCRIPTION	DATE	PREPARED	REV NO
1	-	RENEWAL	2015-10-17	T.FUJIWARA	VQC2000V-DMT0008
0	-	INITIAL RELEASE	2013-07-24	K.MATSUDA	-

TOLERANCES JIS B 0405	GRADE		
RANGE(mm)	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	DATE	C.IIDA 2015-10-17
DESIGNED	DATE	T.FUJIWARA 2015-10-17
CHECKED	DATE	
APPROVED	DATE	S.SUMIYOSHI 2015-10-19

FINISH
PAINT
MASS
PACKING
MATERIAL
MATERIAL SIZE

SCALE FREE

THIRD ANGLE

MODEL QTY

DWG NAME 5 PORT SOLENOID VALVE

DWG NO Ⓐ VQC2201NR-51-X77

REVISION 1

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

VQC2000V-PMR5003 | DWG NAME PILOT VALVE:V100 SERIES | DWG REC | DWG ID BA37059403 | SMC Corporation

ST

A2-V06