

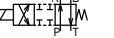
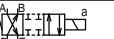
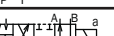
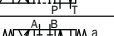
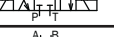
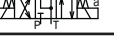


SK-G01 Series Wet Type Solenoid Valve

Features

- High pressure, large capacity with minimal pressure loss
- High dust and water resistance (JIS C 0920 IP67)
- High vibration proof (JIS D 1601 3 D Grade 90 Division 400)
- Shockless type available (Option: F)
- Diode built in coil available (Option: G)
- Low switching noise and very long life

Specifications

Model Number		SK-G01			
		Standard Type		Shockless Type	
JIS Symbol	Operation	Maximum Flow Rate L/min(gpm)	Maximum Working Pressure MPa(psi)	Maximum Flow Rate L/min(gpm)	Maximum Working Pressure MPa(psi)
	A3X	80 (21.1)	35 (5075)	50.0 (13.2)	25 (3625)
	H3X				
	E3X	100 (26.4)			
	C5				
	C6	80 (21.1)			
	C4	50.0 (13.2)			
	C7Y			40 (10.6)	

Maximum Working Pressure MPa(psi) P, A, B ports	Standard Type	35 (5075)
	Shockless Type	25 (3625)
Maximum Allowable Back Pressure MPa(psi) T port	Standard Type	21 (3045)
	Shockless Type	
Switches/min	Standard Type	120
	Shockless Type	
Option	Shockless	F
	Surgeless (Diode built in coil)	G
Weight kg (lbs)	Double solenoid	2.0 (4.41)
	Single solenoid	1.5 (3.31)
Operating Environment	Dust Resistance/Water Resistance Rank	JIS C 0920 IP67
	Vibration Proof	JIS D 1601 3 D Grade 90 Division 400
	Ambient Temperature	-30~+50°C (-22~+122°F)
Operating Fluid	Temperature Range	-25~+80°C (-13~+176°F)
	Viscosity Range	15~300mm ² /s(cSt)
	Filtration	10 μm or less
Mounting Bolts	Size x Length	M5x45 or #10x1 3/4, four bolts
	Tightening Torque	Hexagon socket head bolts 10-24 x 1 3/4 5~7N•m (3.69~5.16lbf•ft)

Note: 1. Maximum operating pressure depends on the valve type. For details, see "Permissible pressure-flow rate values."
 2. A protective cover is recommended to avoid splashing the valve directly.
 3. For mounting bolts, use grade 8.
 4. Mounting bolts are not included.

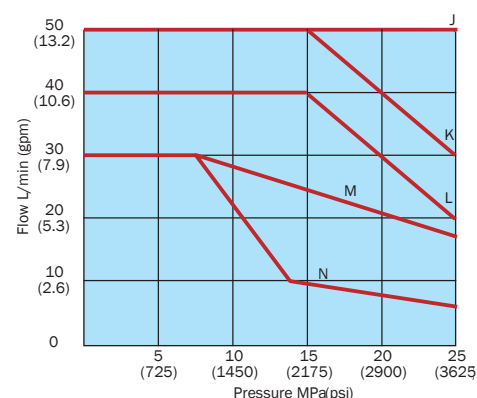
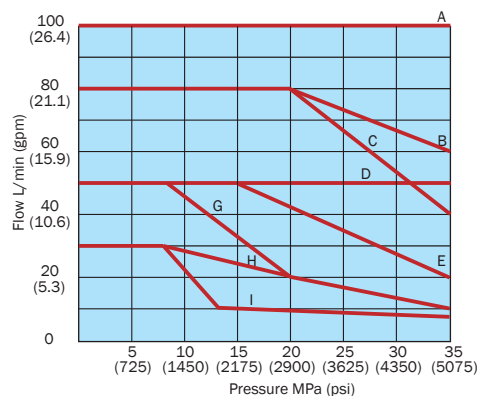
Permissible Pressure-Flow Rate Values

•Standard type

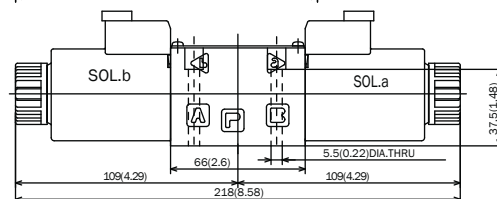
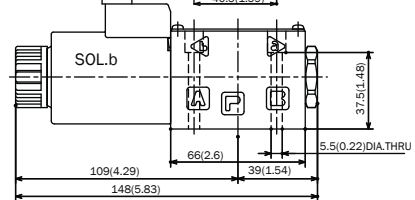
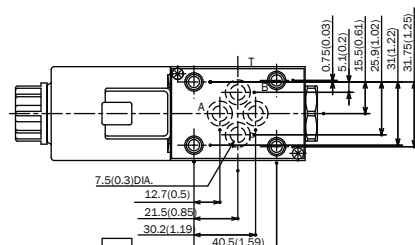
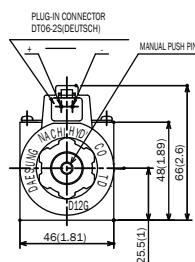
Type	Standard Type		
Operation Example Operation Symbol			
A3X	B	I	I
H3X	B	I	I
E3X	A	H	H
C4	D	D	D
C5	A	G	G
C6	C	G	G
C7Y	E	I	I

•Shockless type

Type	Shockless Type		
Operation Example Operation Symbol			
A3X	J	N	N
H3X	J	N	N
E3X	J	M	M
C4	J	J	J
C5	J	N	N
C6	K	N	N
C7Y	L	N	N



Dimensional Drawings



Sealing Parts

Part No.	Part Name	Part No.	Quantity	
			Single Solenoid	Double Solenoid
1	O-ring	AS568-012(Hs90)	4	4
2	O-ring	1A-P20	1	2
3	O-ring	1B-P18	2	2
4	O-ring	S-25	1	2

Note: 1A and 1B are JIS Standard B 2401, while AS568 is SAE Standard.

