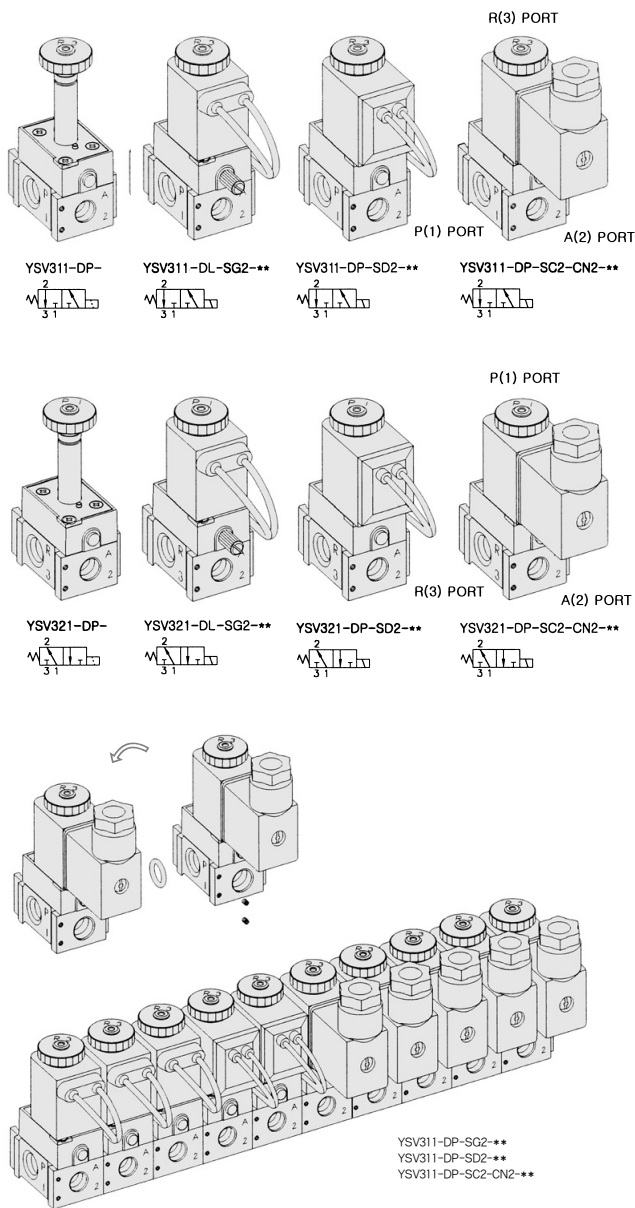


# YSV300. 1/8

Direct Actuated  
Staking Body Valves

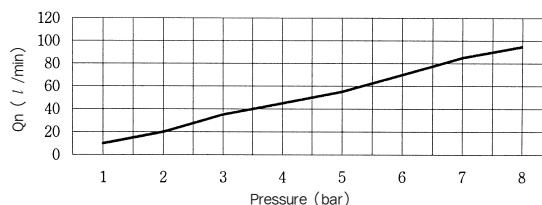
- 3/2 - Direct Operation Type
- High Durability
- Orifice  $\phi$  1.5mm



## SPECIFICATION

ITEM	FUNCTION	YSV311	YSV321
	Fluids		Compressed Air & Inert Gases
Pressure(bar)		0~8.0	
Orifice(mm)		P= $\phi$ 1.5, R= $\phi$ 1.5	P= $\phi$ 1.5, R= $\phi$ 1.5
Ambient & Fluid Temp.		5~60°C (41~140°F)	
Response Time(5bar)		20ms or Less	
Max. Working Frequency		8c/sec	
Lubrication		Not Required(Use ISO VG32 #)	
Manual Override		Push Button(Standard), Lever Lock(Option)	
Coil Insulation Class		F-Class or Equivalent	
Permissible Voltage Variation		$\pm$ 10% of Rated Voltage	
Off Min. Residual Voltage		AC:20% or Less / DC:10% or Less	
Power Consumption		Holding-AC:5.5VA(60Hz) / DC:2.5W	

Transition Capacity Graph



## The Material of Parts

- Valve Body : Aluminium
- Pilot Parts : Glass Filled Nylon
- Spring : Stainless
- Seals : NBR
- Armature : Stainless Steel
- Armature Seals : Viton
- Pilot Plate : Zinc Pressure Die-Cast

※ The specification on each item can be amended without any prenotice to improve a performance.  
 ※ The specification on each item can be different from actual specification.

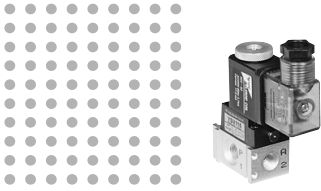
\*\* : Voltage Selection (see page 62)

## ORDERING NO.

**YSV3 1 1 - D P - SC2 - CN2 - A2**

Valve Series	Function	Port Size & Thread	Pilot Source	Manual Operator	Solenoid Coil Type	Connector Type	Voltage
<b>YSV3:</b> Solenoid Valve	1	1 G 1/8	D Direct Operated	P Push Non-Locking Override	0 None	0 None	0 None
	2	2 NPT 1/8		L Lever Locking Override	SC2 3 Pin Connector Coil	CN2 Normal Connector	A2 AC 220V
					SG2 Grommet/Flying Leads	CD2 Connector With LED	A1 AC 110V
					SD2 Grommet/Flying Leads With LED	C22 Connector With LED & Surge Suppressor	A4 AC 24V
							D4 DC 24V
							D2 DC 12V

Savanorių pr. 187- 4 korp., LT-02300 Vilnius, Lietuva, tel.: +370 5 2322231, faks: + 370 5 2648229 www.dominga.lt



# Direct Solenoid Actuated Valves

# Port Thread 1/8

PORT	TYPE	N.C	N.O
X	P(1)	R(3)	
Y	A(2)	A(2)	
Z	R(3)	P(1)	

**YSV311-DP-SD2-\*\*\***  
 Normally Closed

**YSV321-DP-SD2-\*\*\***  
 Normally Open

**YSV311-DP-SG2-\*\*\***  
 Normally Closed

**YSV321-DP-SG2-\*\*\***  
 Normally Open

**YSV311-DP-SC2-CN2-\*\*\***  
 Normally Closed

**YSV321-DP-SC2-CN2-\*\*\***  
 Normally Open

$A = (24.8n + 4.0)$   
 $B = (24.8n - 11.2)$

**A, B : DIMENSIONS**

ITEM	n	2	3	4	5	6	7	8	9	10
A		53.6	78.4	103.2	128.0	152.8	177.6	202.4	227.2	252.0
B		38.4	63.2	88.0	112.8	137.6	162.4	187.2	212.0	236.8

n = STATION