



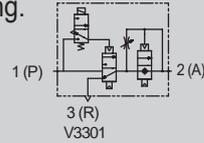
Slow start valve

# V3301-W Series

Ensuring safety when starting and stopping.

● Port size: Rc1/4 to Rc1/2

JIS symbol



Pneumatic, Vacuum and Auxiliary Components  
Catalog No. CB-024SA

## Specifications

Item	V3301-W/V3321-W			
Actuation	Pilot operated soft spool valve			
Working fluid	Compressed air (excluding ultra-dry compressed air) *1			
Working pressure MPa	0.2 to 1.0			
Proof pressure MPa	1.5			
Ambient/fluid temperatures °C	5 to 60			
Port size	1(P)/2(A) port	Rc1/4	Rc3/8	Rc1/2
	3(R) port	Rc3/8		
	Gauge port	Rc1/4		
Effective cross-sectional area mm <sup>2</sup>	Low speed air supply	6		
	High speed air supply	40	64	76
	High speed exhaust	50	74	78
Response time	0.2 sec or less			
Lubrication	No lubrication *2			
Weight g	V3301-W:635 V3321-W:515			
Solenoid valve specifications		V3301-W		
Rated voltage V	100 AC (50/60Hz)	200 AC (50/60Hz)	24 DC	
Starting current A	0.076/0.058	0.038/0.030	0.092	
Holding current A	0.038/0.029	0.019/0.015		
Power consumption W	2.2/1.7	2.2/1.7	2.2	
Temperature rise K	40 or less			
Voltage fluctuation range	±10%			
Insulation class	Class B			
Electrical connections	Grommet lead wire/terminal box			

## Compatibility table by variation

		V3301	
Port size		Rc1/4 to Rc1/2	
P4		▲	(*1)
P40		▲	(*1)

\*1: Only LS is available for electrical connection.

●: Applicable models ○: Semi-applicable models  
▲: Contact CKD for details. □: Not applicable

\*1: Consult with CKD when using ultra dry compressed air.

\*2: Use turbine oil Class 1 ISO VG32 for lubrication.

## How to order

● Solenoid valve **V3301** - **08** - W - FL    
(White)

Ⓐ Port size

Code	Description
Ⓐ Port size	
<b>1(P)/2(A) port</b>	
<b>08</b>	Rc1/4
<b>10</b>	Rc3/8
<b>15</b>	Rc1/2

⚠ \*1: When installing the V3301-W on the primary side of the regulator and filter regulator, select the reverse regulator (R\*100-W) and reverse filter regulator (W\*100-W).

\*2: Made-to-order product. Contact CKD Sales for details.