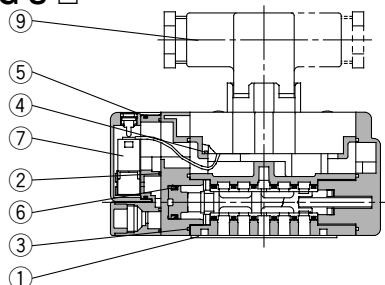


# Series VQ7-6 Construction

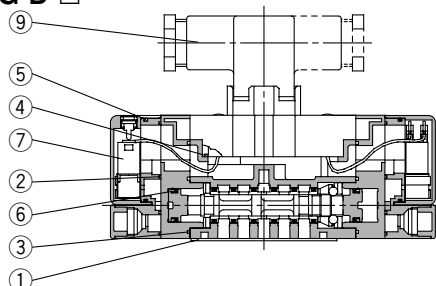
## DIN Terminal Type

### Metal seal type

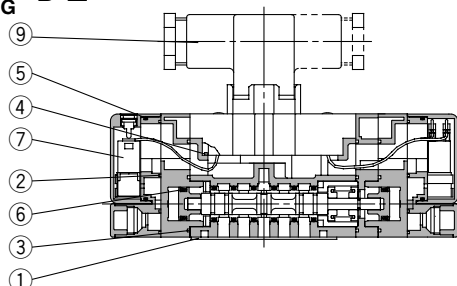
#### VQ7-6-FG-S-□



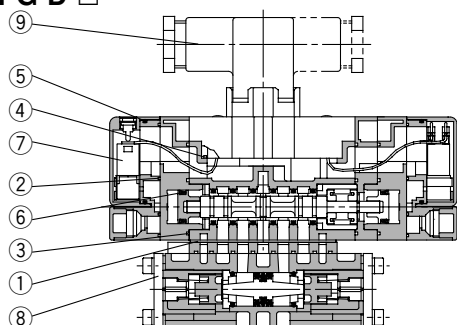
#### VQ7-6-FG-D-□



#### VQ7-6-FHG-FJG-D-□

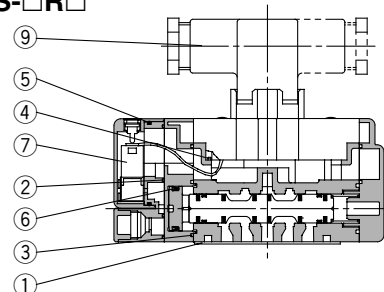


#### VQ7-6-FPG-D-□

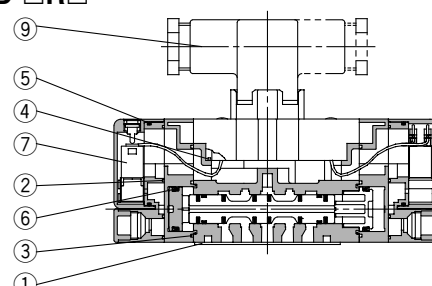


### Rubber seal type

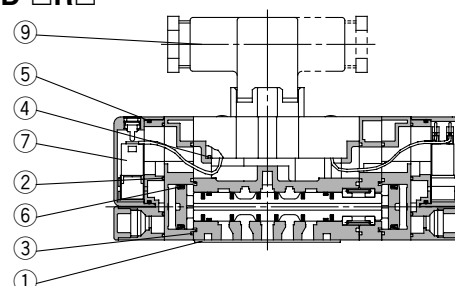
#### VQ7-6-FG-S-□R□



#### VQ7-6-FG-D-□R□



#### VQ7-6-FHG-FJG-D-□R□



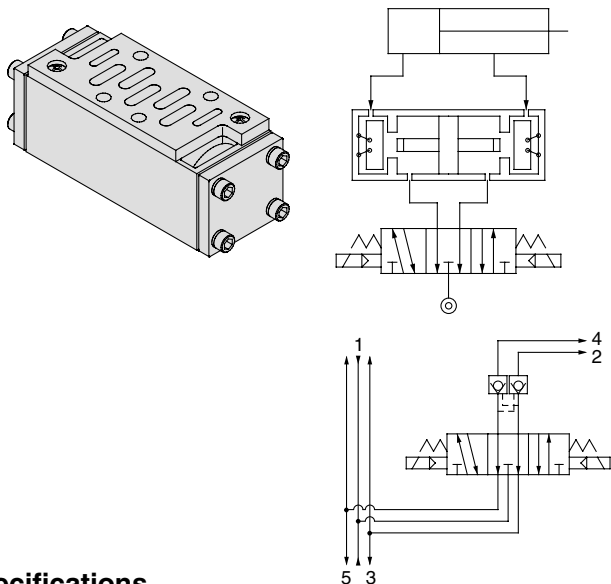
## Replacement Parts (For valve)

No.	Description	VQ7-6-FG-S-□	VQ7-6-FG-D-□	VQ7-6-FHG-FJG-D-□	VQ7-6-FPG-D-□	VQ7-6-FG-S-□R□	VQ7-6-FG-D-□R□	VQ7-6-FHG-FJG-D-□R□
①	Gasket				AXT500-13			
②	Gasket A				VQ7060-13-2			
③	Gasket B				VQ7060-13-1			
④	Gasket C				VQ7060-13-3			
⑤	O-ring				37 x 1.6			
⑥	Mini Y seal		MYN-11				MYN-16	
⑦	Pilot valve assembly				VQZ110Q-□			
⑧	Double check spacer		—		VV71-FPG		—	
⑨	DIN terminal				UKL-S1			

# ISO Standard Solenoid Valve: Size 1 Metal Seal/Rubber Seal Series VQ7-6

## Double check spacer VV71-FPG

By combining a 3 position exhaust center valve with a double check spacer, an intermediate stopping position of a cylinder can be held for an extended period. It can also be used for drop prevention at the cylinder stroke end when releasing residual supply pressure, by combining it with a 2 position single or double valve.

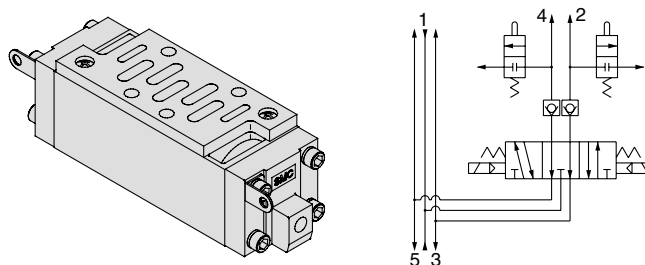


### Specifications

Double check spacer part no.		VV71-FPG		
Applicable solenoid or air operated valve		Series VQ7-6		
Leakage (cm <sup>3</sup> /min (ANR))	One solenoid energized (One pilot pressurized)	P	R1	130
			R2	
	Both solenoids unenergized (Both pilots unpressurized)	P	R1	130
			R2	
		B	R1	0
		A	R2	

## Double check spacer with residual pressure release valve VV71-FPGR

This is a double check spacer equipped with a residual pressure release function, to release residual pressure inside a cylinder during maintenance or adjustment, etc.



### ⚠ Caution

- Since extended cylinder stops are not possible if there are leaks from piping between the valve and cylinder or from fittings, etc., check for leakage using a neutral liquid detergent.
- Since One-touch fittings allow slight air leakage, screw piping (with M5 thread) is recommended when stopping the cylinder in the middle for a long time.
- This spacer cannot be combined with a 3 position closed center valve.
- Set the load weight so that the cylinder side pressure is less than two times the supply side pressure.
- When using the residual pressure release function, confirm the action of actuators, etc., and operate after providing for safety measures.

VK

VZ

VF

VFR

VP4

VZS

VFS

VS4

VQ7

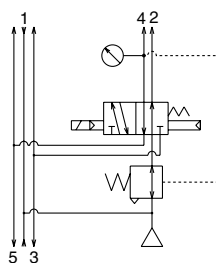
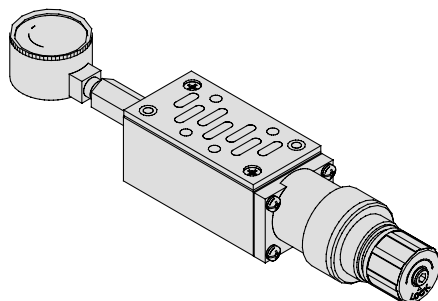
EVS

VFN

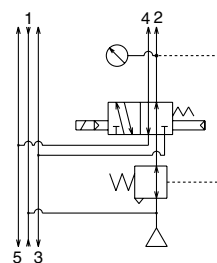
## Interface regulator

ARB250-00-<sup>P</sup><sub>A</sub>  
<sub>B</sub>

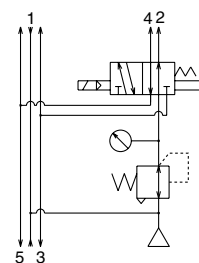
Spacer Interface regulators can be placed on top of the manifold block to reduce the pressure of each of the valves.



Regulating port A



Regulating port B



Regulating port P

### Part No.

P reduced pressure	ARB250-00-P
A reduced pressure	ARB250-00-A
B reduced pressure	ARB250-00-B

### ⚠ Caution

- When combining a pressure center valve and interface regulator with reduced pressure at ports A and B, use model ARB210-<sup>A</sup><sub>B</sub>.
- When combining a reverse pressure valve and interface regulator, use model ARB210-<sup>A</sup><sub>B</sub>. Further, it cannot be used with reduced pressure at port P.
- When combining a double check valve and an interface regulator, use a manifold or sub-plate as a basis, and stack them in the following order; the perfect spacer → the interface regulator → the valve.
- When a closed center valve is combined with the interface regulator's A, B port regulation, note that it cannot be used for intermediate stops of a cylinder because there is leakage from relief port on the regulator.