

Air operated valve for high vacuum NC

AVB*17 Series

Molded bellows method Aluminum body





Specifications

Descriptions		AVB217	AVB317	AVB417	AVB517	AVB617	AVB717		
Working fluid		Vacuum and inert gas							
Working pressure	Pa(abs)			1.3 x 10 ⁻⁶	to 1 x 10 ⁵				
Max. working differential	pressure MPa			0	.1				
Valve seat leakage	Pa·m³/s (He)			1.3 x 10	or less				
External leakage	Pa·m³/s (He)			1.3 x 10	or less				
Proof pressure	MPa			0	.3				
Fluid temperature	°C			5 to 60 (5 to 150) *1				
Ambient temperatur	e °C			0 to 60 (n	o freezing)				
Orifice size	mm	ø17	ø24	ø39	ø48	ø68	ø80		
Conductance *2	ℓ/s	5	13	43	74	166	242		
Connection		NW16	NW25	NW40	NW50	NW63	NW80		
Operating pressure	MPa			0.4 t	0.6				
Weight	kg	0.4 0.5 1.2 2.0 3.5 6.5							
JIS symbol		·····\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\							

^{*1:} The values in () are for high temperature specifications.

Switch specifications

Descriptions	Proximit	Reed switch							
Descriptions	T2H/T2V	T3H/T3V	ТОН	/TOV	T5H	/T5V	ЕТОН	ETOH/ETOV	
Applications	Dedicated for programmable controller	For relay, programmable controller	le For relay, programmable controller				7.1		
Power supply voltage	-	10 to 28 VDC		-		-		-	
Load voltage/current	10 to 30 VDC, 5 to 20 mA *4	30 VDC or less, 100 mA or less	12/24 VDC 100 VAC	5 to 50 mA 7 to 20 mA				5 to 50 mA 7 to 20 mA	
Power consumption	-	10 mA or less when ON at 24 VDC		-		-		-	
Internal voltage drop	4 V or less	0.5 V or less	3 V o	r less	0	V	2.4 V or less		
Lamp		LED (Lit when ON)			-		LED (Lit when ON)		
Leakage current	1 mA or less	10 μA or less	0 ו	mA	0 mA		0 mA		
Lead wire length *3	Standard 1 m (oil resistant vinyl cabtyre cable 2-conductor 0.2 mm²)	Standard 1 m (oil resistant vinyl cabtyre cable 3-conductor 0.2 mm²)	Standard 1 m (oil resistant vinyl cabtyre cable 2-conductor 0.2 mm²)				fluorine insu	(heat-resistant lation cabtyre uctor 0.5 mm²)	
Max. shock	980	m/s ²			294	m/s ²			
Insulation resistance		20 MΩ and over a	t 500 VDC	megger				ind over at C megger	
Withstand voltage		No failure after 1 minute of 1,000 VAC application.							
Ambient temperature	-10 to +60°C					-10 to	+150°C		
Degree of protection		IEC Standard IP6	7, JIS C092	20 (water-tig	ght), oil res	istance			
Weight		1 m:18 g 3 m:	49 g 5 m:8	0 g			44	4 g	

 $^{^{\}star}3$: 3 m and 5 m lead wires are also available as options.

^{*2:} The conductance value is the theoretical calculation value in the molecular region, and not the actual measured value.

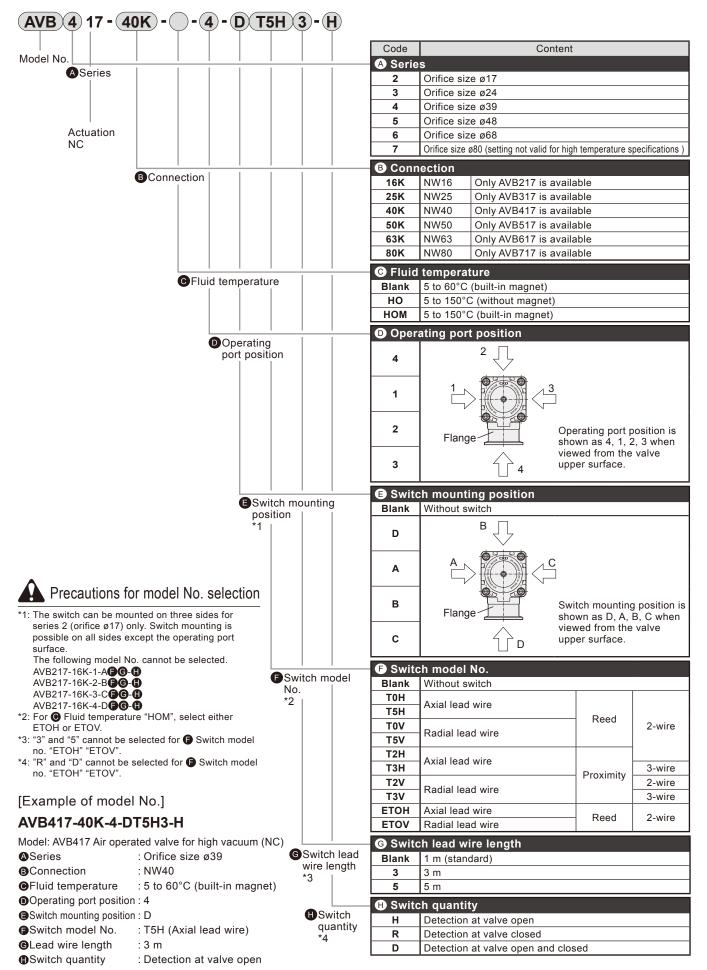
^{*3:} Grease for vacuum is applied to the O-rings of outer seal parts.

^{*4:} The above max. load current is 20 mA at 25°C.

The current is lower than 20 mA if the operating ambient range around the switch is higher than 25°C. (5 to 10 mA at 60°C)

^{*5:} Refer to pages 156 to 160 for precautions on using other switches.

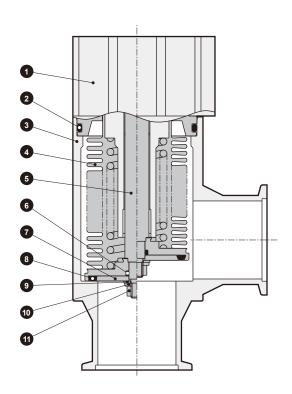
How to order



AVB*17 Series

Internal structure and parts list (NC)

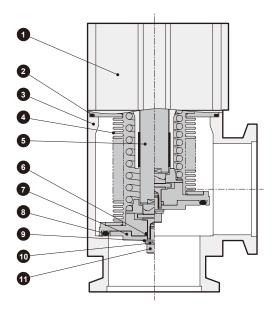
AVB217/AVB317/AVB417/AVB517/AVB617



Part name	Mate	rial
Cylinder (built-in magnet)		
O-ring	FKM	Note
Body	A6063	
Bellows	SUS316L	
Rod	SUS316L	
O-ring	FKM	Note
Valve disc B	SUS316L	
O-ring	FKM	Note
Plain washer	SUS304	
Spring washer	SUS304	
Hexagon nut	SUS304	
	Cylinder (built-in magnet) O-ring Body Bellows Rod O-ring Valve disc B O-ring Plain washer Spring washer	Cylinder (built-in magnet) O-ring FKM Body A6063 Bellows SUS316L Rod SUS316L O-ring FKM Valve disc B SUS316L O-ring FKM Plain washer SUS304 Spring washer SUS304

Note: Contact CKD for other O-ring material compatibility.

AVB717

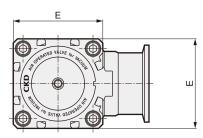


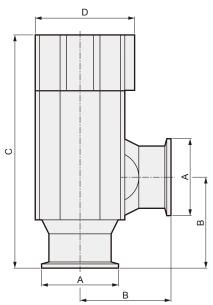
No.	Part name	Ma	aterial
1	Cylinder (built-in magnet)		
2	O-ring	FKM	Note
3	Body	A6063	
4	Bellows	ASL350	
5	Rod	SUS304	
6	O-ring	FKM	Note
7	Valve disc B	SUS316L	
8	O-ring	FKM	Note
9	Plain washer	SUS304	
10	Spring washer	SUS304	
11	Hexagon socket head cap screw	SUS304	

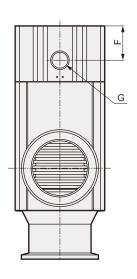
Note: Contact CKD for other O-ring material compatibility.

Dimensions (NC)

AVB217/AVB317/AVB417/AVB517/AVB617/AVB717







Model No.	Α	В	С	D	Е	F	G
AVB217	ø30(NW16)	40	114	40	40	20	M5
AVB317	ø40(NW25)	50	127	49.5	45	23	Rc1/8
AVB417	ø55(NW40)	65	168	71	64	24.5	Rc1/4
AVB517	ø75(NW50)	70	186	84	77	31	Rc1/4
AVB617	ø87(NW63)	88	214	104	98	37	Rc1/4
AVB717	ø114(NW80)	90	235	123.5	117	52.5	Rc1/4



Air operated valve For high vacuum Double acting

AVB*37 Series

Molded bellows method Aluminum body





Specifications

Descriptions		AVB237	AVB337	AVB437	AVB537	AVB637	AVB737	AVB837	
Working fluid			Vacuum and inert gas						
Working pressure	Pa (abs)			1.3	3 x 10 ⁻⁶ to 1 x	10 ⁵			
Max. working differential	pressure MPa				0.1				
Valve seat leakage	Pa·m³/s (He)			1	.3 x 10 ⁻¹⁰ or les	ss			
External leakage	Pa·m³/s (He)			1	.3 x 10 ⁻¹¹ or les	ss			
Proof pressure	MPa				0.3				
Fluid temperature	°C				5 to 60				
Ambient temperatur	e °C			0 t	o 60 (no freezi	ng)			
Orifice size	mm	ø17	ø24	ø39	ø48	ø68	ø80	ø100	
Conductance *1	ℓ/s	5	13	43	74	166	242	372	
Connection		NW16	NW25	NW40	NW50	NW63	NW80	NW100	
Operating pressure	MPa			0.4 t	o 0.6			0.3 to 0.5	
Weight	kg	0.5 0.7 1.5 2.5 4.2 5.5 13						13	
JIS symbol			Double acting						

^{*1:} The conductance value is the theoretical calculation value in the molecular region, and not the actual measured value.

Switch specifications

Descriptions	Proximit	y switch	Reed switch			
Descriptions	T2H/T2V	T3H/T3V	TOH/TOV	T5H/T5V		
Applications	Dedicated for programmable controller	For relay, programmable controller	For relay, programmable controller	For programmable controller, relay, IC circuit (without indicator lamp), serial connection		
Power supply voltage	-	10 to 28 VDC	-	-		
Load voltage/current	10 to 30 VDC, 5 to 20 mA *3	30 VDC or less, 100 mA or less	12/24 VDC 5 to 50 mA 100 VAC 7 to 20 mA	12/24 VDC 50 mA or less 100 VAC 20 mA or less		
Power consumption	-	10 mA or less when ON at 24 VDC	-	-		
Internal voltage drop	4 V or less	4 V or less 0.5 V or less		0 V		
Lamp		LED (Lit when ON)		-		
Leakage current	1 mA or less	10 μA or less	0 mA	0 mA		
Lead wire length *2	Standard 1 m (oil resistant vinyl cabtyre cable 2-conductor 0.2 mm²)	Standard 1 m (oil resistant vinyl cabtyre cable 3-conductor 0.2 mm²)	Standa (oil resistant vinyl cabtyre o			
Max. shock	980	m/s ²	294	m/s ²		
Insulation resistance		20 MΩ and over a	500 VDC megger			
Withstand voltage	No failure after 1 minute of 1,000 VAC application.					
Ambient temperature	-10 to +60°C					
Degree of protection	IEC Standard IP67, JIS C0920 (water-tight), oil resistance					
Weight		1 m:18 g 3 m:	49 g 5 m:80 g			

^{*2: 3} m and 5 m lead wires are also available as options.

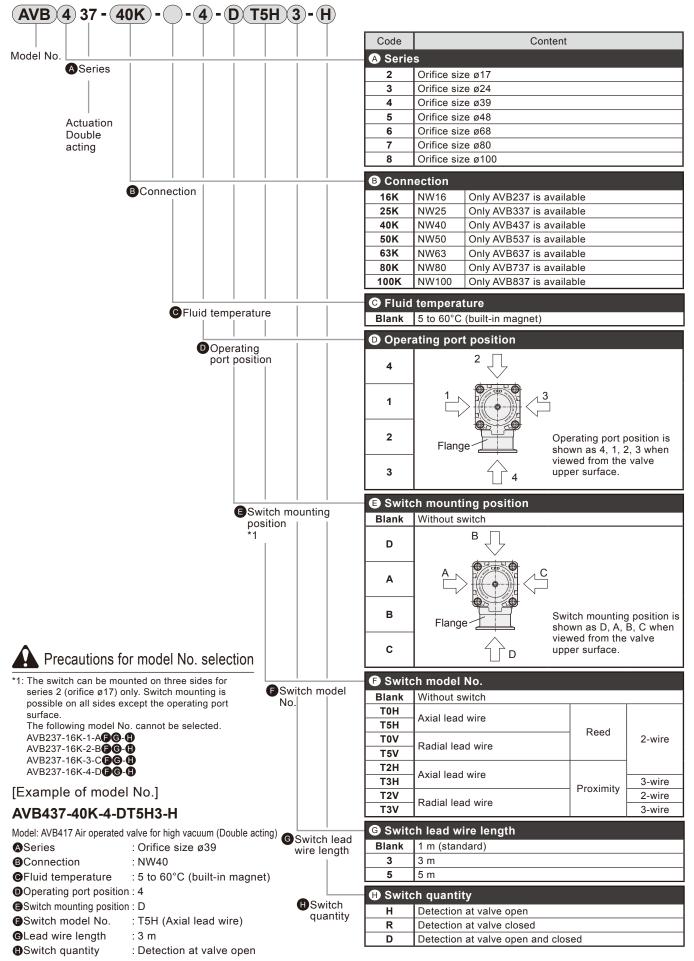
^{*2:} Grease for vacuum is applied to the O-rings of outer seal parts.

^{*3:} The above max. load current is 20 mA at 25°C.

The current is lower than 20 mA if the operating ambient range around the switch is higher than 25°C. (5 to 10 mA at 60°C)

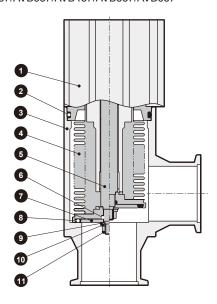
^{*4:} Refer to pages 156 to 160 for precautions on using other switches.

How to order



Internal structure and parts list (Double acting)

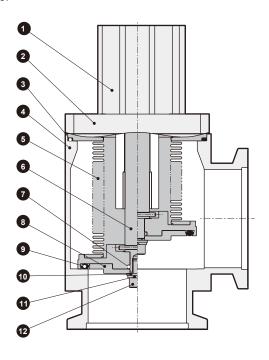
AVB237/AVB337/AVB437/AVB537/AVB637



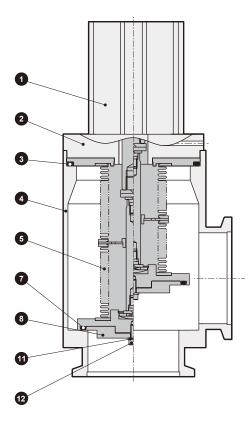
No.	Part name	Material
1	Cylinder (built-in magnet)	
2	O-ring	FKM Note
3	Body	A6063
4	Bellows	SUS316L
5	Rod	SUS304
6	O-ring	FKM Note
7	Valve disc B	SUS316L
8	O-ring	FKM Note
9	Plain washer	SUS304
10	Spring washer	SUS304
11	Hexagon nut	SUS304

Note: Contact CKD for other O-ring material compatibility.

AVB737



AVB837

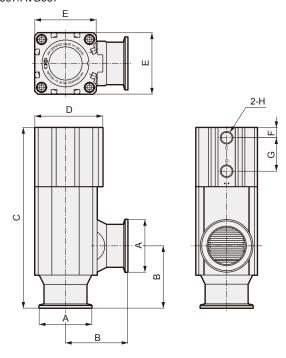


No.	Part name	Material	No.	Part name	Material
1	Cylinder (built-in magnet)		7	O-ring	FKM Note
2	Cidindor adantas	AVB737:A5056	8	Valve disc B	SUS316L
2	Cylinder adaptor	AVB837:A5052	9	O-ring	FKM Note
3	O-ring	FKM Note	10	Plain washer	SUS304
4	Body	A6063	11	Spring washer	SUS304
5	Bellows	ASL350	12	Hexagon socket head cap screw	SUS304
6	Rod	SUS304			

Note: Contact CKD for other O-ring material compatibility.

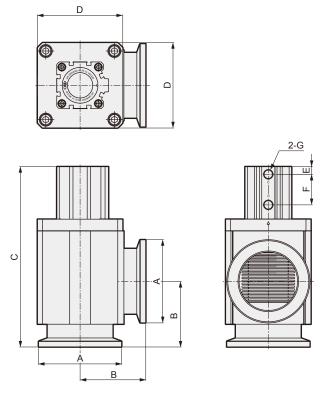
Dimensions (Double acting)

AVB237/AVB337/AVB437/AVB537/AVB637



Model No.	Α	В	С	D	Е	F	G	Н
AVB237	ø30(NW16)	40	132.5	40	40	6	32.5	M5
AVB337	ø40(NW25)	50	144.5	49.5	45	8	32	Rc1/8
AVB437	ø55(NW40)	65	188	71	64	10.5	35	Rc1/4
AVB537	ø75(NW50)	70	213	84	77	11	47	Rc1/4
AVB637	ø87(NW63)	88	245	104	98	13	55	Rc1/4

AVB737/AVB837



Model No.	A	В	С	D	Е	F	G
AVB737	ø114(NW80)	90	247	117	10.5	42	Rc1/4
AVB837	ø134(NW100)	108	390	154	13	94.5	Rc3/8



Air operated valve for high vacuum Two-stage

AVB*47 Series

Molded bellows method Aluminum body





Specifications

Descriptions	AVB347	AVB447	AVB547	AVB647		
Working fluid		Vacuum a	and inert gas			
Working pressure Pa(abs)		1.3 x 10	⁻⁶ to 1 x 10 ⁵			
Max. working differential pressure MPa			0.1			
Valve seat leakage Pa·m³/s (He)		1.3 x 1	0 ⁻¹⁰ or less			
External leakage Pa·m³/s (He)		1.3 x 1	0 ⁻¹¹ or less			
Proof pressure MPa			0.3			
Fluid temperature °C		5 to 60	(5 to 150) *1			
Ambient temperature °C		0 to 60 (no freezing)			
Orifice size mm	ø24	ø39	ø48	ø68		
Conductance *2 \(\ell /s \)	13	43	74	166		
Connection	NW25	NW25 NW40 NW50				
Main exhaust operating pressure MPa	0.4 to 0.6					
Soft exhaust operating pressure MPa	0.4 to 0.6					
Weight kg	0.7	1.6	2.6	4.4		

Switch specifications

Descriptions	Proximity switch		Reed switch			
Descriptions	T2H/T2V	T3H/T3V	TOH/TOV	T5H/T5V	ETOH/ETOV	
Applications	Dedicated for programmable controller	For relay, programmable controller	For relay, programmable controller	For programmable controller, relay, IC circuit (without indicator lamp), serial connection	For relay, programmable controller	
Power supply voltage	-	10 to 28 VDC	-	-	-	
Load voltage/current	10 to 30 VDC, 5 to 20 mA *4	30 VDC or less, 100 mA or less	12/24 VDC 5 to 50 mA 100 VAC 7 to 20 mA	12/24 VDC 50 mA or less 100 VAC 20 mA or less	12/24 VDC 5 to 50 mA 110 VAC 7 to 20 mA	
Power consumption	-	10 mA or less when ON at 24 VDC	-	-	-	
Internal voltage drop	4 V or less	0.5 V or less	3 V or less	0 V	2.4 V or less	
Lamp	LED (Lit when ON)		-		LED (Lit when ON)	
Leakage current	1 mA or less	10 μA or less	0 mA	0 mA	0 mA	
Lead wire length *3	Standard 1 m (oil resistant vinyl cabtyre cable 2-conductor 0.2 mm²)	Standard 1 m (oil resistant vinyl cabtyre cable 3-conductor 0.2 mm²)	Standard 1 m (oil resistant vinyl cabtyre cable 2-conductor 0.2 mm²)		Standard 1 m (heat-resistant fluorine insulation cabtyre cable 2-conductor 0.5 mm²)	
Max. shock	980	m/s ²		294 m/s ²		
Insulation resistance		20 MΩ and over a	t 500 VDC megger		100 MΩ and over at 500 VDC megger	
Withstand voltage		No failure after 1 minute of 1,000 VAC application.				
Ambient temperature	-10 to +60°C				-10 to +150°C	
Degree of protection		IEC Standard IP67, JIS C0920 (water-tight), oil resistance				
Weight		1 m:18 g 3 m:	49 g 5 m:80 g		44 g	

^{*3: 3} m and 5 m lead wires are also available as options.

^{*1:} The values in () are for high temperature specifications.
*2: The conductance value is the theoretical calculation value in the molecular region, and not the actual measured value.

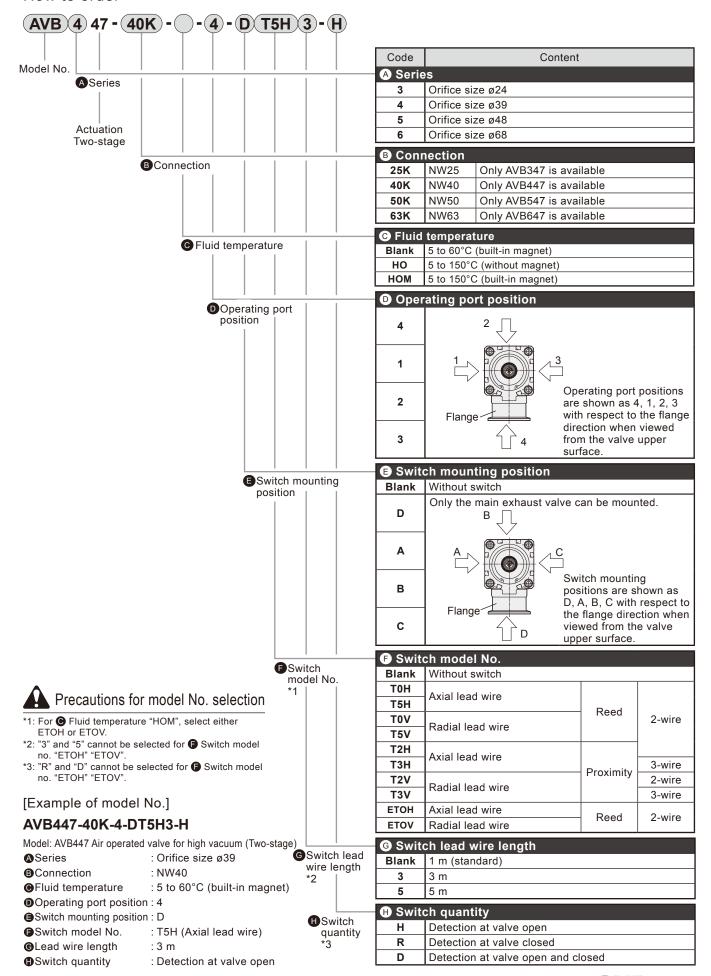
Note 1: Grease for vacuum is applied to the O-rings of outer seal parts.

^{*4:} The above max. load current is 20 mA at 25°C. The current is lower than 20 mA if the operating ambient range around the switch is higher than 25°C. (5 to 10 mA at 60°C)

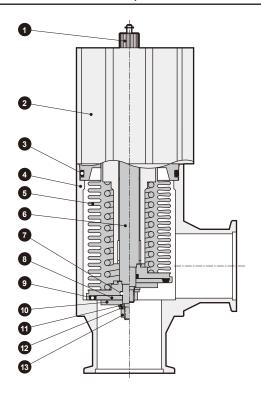
Note 1: Refer to pages 156 to 160 for precautions on using other switches.

Note 2: Only the main exhaust valve can be mounted on the switch.

How to order



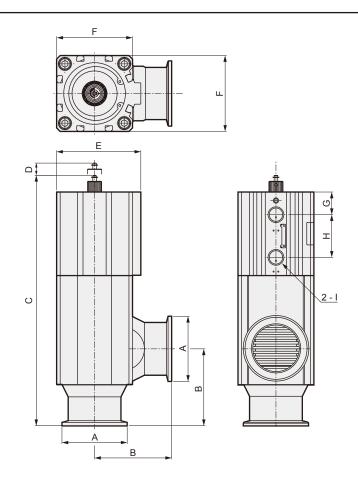
Internal structure and parts list



No.	Part name	Ma	aterial
1	Adjusting nut	A5056	
2	Cylinder (built-in magnet)		
3	O-ring	FKM	Note
4	Body	A6063	
5	Bellows	SUS316L	
6	Rod	SUS304	
7	O-ring	FKM	Note
8	Valve disc B	SUS316L	
9	O-ring	FKM	Note
10	Skirt	SUS304	
11	Plain washer	SUS304	
12	Spring washer	SUS304	
13	Hexagon nut	SUS304	

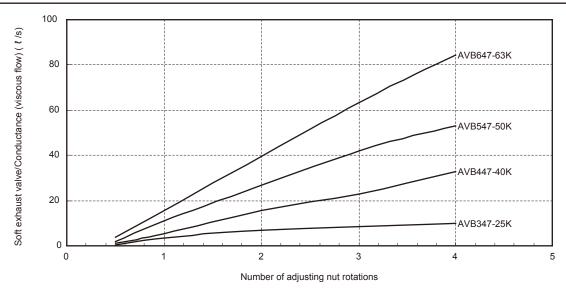
Note: Contact CKD for other O-ring material compatibility.

Dimensions



Model No.	А	В	С	D (max.)	Е	F	G	Н	ı
AVB347	ø40(NW25)	50	168	7.5	49.5	45	19	31	Rc1/8
AVB447	ø55(NW40)	65	211	12	71	64	19	35	Rc1/4
AVB547	ø75(NW50)	70	234	15	84	77	21.5	42.5	Rc1/4
AVB647	ø87(NW63)	88	263	17	104	98	23.5	49	Rc1/4

Number of adjusting nut rotations x Soft exhaust valve/Conductance



MEMO



AVB**7 Series Made to Order

Contact CKD for details.



Made to Order

Large bore size

Model No.	Actuation	Connection
AVB937	Double acting	NW160

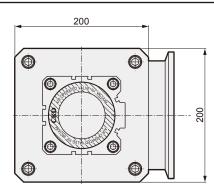


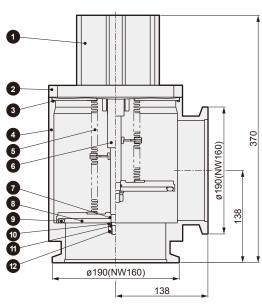
Reference specifications

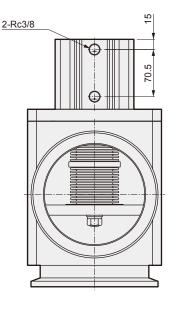
Descrip	tions	AVB937-X*
Working fluid		Vacuum and inert gas
Working pressure	Pa(abs)	1.3 x 10 ⁻⁶ to 1 x 10 ⁵
Max. working differential pressure	MPa	0.1
Valve seat leakage	Pa·m³/s (He)	1.3 x 10 ⁻¹⁰ or less
External leakage	Pa·m³/s (He)	1.3 x 10 ⁻¹¹ or less
Proof pressure	MPa	0.3
Fluid temperature	°C	5 to 60
Ambient temperature	°C	0 to 60 (no freezing)
Orifice size	mm	ø150
Conductance*1	L/s	1,100
Connection		NW160
Operating pressure	MPa	0.3 to 0.5
Weight	kg	18
JIS symbol		● Double acting

^{*1:} The conductance value is the theoretical calculation value in the molecular region, and not the actual measured value

Internal structure and parts list/Dimensions







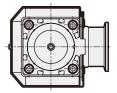
No.	Part name	Material
1	Cylinder (built-in magnet)	
2	Cylinder adaptor	A5056
3	O-ring	FKM
4	Body	A5052
5	Bellows	ASL350
6	Rod	SUS304
7	O-ring	FKM
8	Valve disc B	SUS304
9	O-ring	FKM
10	Plain washer	SUS304
11	Spring washer	SUS304
12	Hexagon nut	SUS304

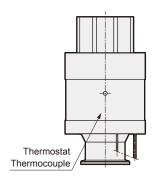
^{*2:} Contact CKD for other O-ring material compatibility.

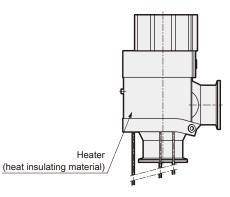
Supports heater for valve heating

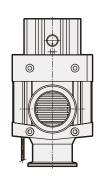
To prevent adhesion of reaction products to the valve interior

- Jacketed heater valve
- NW25/NW40/NW50





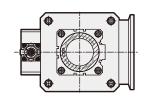


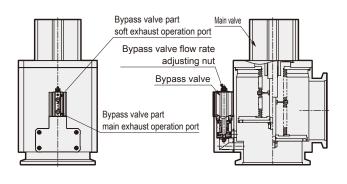


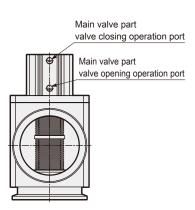
Soft exhaust (external bypass valve) compatible

Controls discharge rate in 2 stages

NW80/NW100/NW160



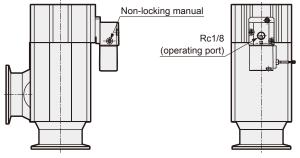


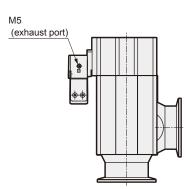


With solenoid valve

- AVB217/317/417/517/617/717
- NC









Air operated valve for high vacuum

AVB $rac{6}{7}$ *3 Series

Molded bellows method
 Stainless steel body compact





Model No.	Actuation	Connection
AVB513	NC	NW25
AVB613	NC	NW40
AVB713	NC	NW50
AVB813	NC	NW80

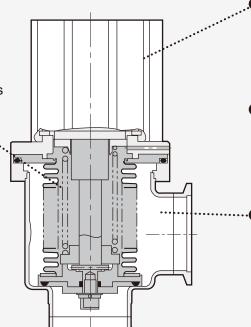
Model No.	Actuation	Connection
AVB523	NO	NW25
AVB623	NO	NW40
AVB723	NO	NW50
AVB823	NO	NW80

Model No.	Actuation	Connection
AVB533	Double acting	NW25
AVB633	Double acting	NW40
AVB733	Double acting	NW50
AVB833	Double acting	NW80

Smaller and with improved maintainability.

Long service life molded bellows
 Special stainless steel
 material (ASL350) used.
 Durability: 1 million cycles (*1)

- *1 Service life when the working fluid is inert gas within the specified range and does not contain solids such as reaction products.
- Reverse pressure can be used (free exhaust direction)
 Vacuum pump connection is possible on either port.



Miniature switch can be mounted

Reed switch for operation check (proximity, reed) can be connected. (Retrofitting is also possible)

No gas accumulation
 The bulge-integrated molding method creates a streamlined flow path and smooth surfaces.

 There is no dead space for gas

accumulation.

Low dust generation
There are no sliding parts to
cause particle generation in the
gas contact parts (flow path).



Safety precautions

Read the following Safety Precautions on Intro Page 9 and pages 163 to 170 to ensure correct and safe use of the product.

- Working fluids
- Mounting
- Direction when connecting pipes
- Proximity switch, reed switch

Contact CKD for these custom orders.

- 1. Change in length between flanges
- 2. Change in flange type
- 3. Heating of valving element
- 4. Change in gas contact part O-ring material
- 5. Slow exhaust
- 6. Straight piping



Specifications



Description	ıs	AVB5 1/3	AVB6 ¹ / ₃ 3	AVB7 3 3	AVB8 1/3
Working fluid		·	Vacuum ar	nd inert gas	
Working press	ure Pa(abs)		1.3 x 10 ⁻⁶	to 1 x 10 ⁵	
Max. working dif	ferential pressure MPa		0	.1	
Valve seat lea	kage Pa·m³/s (He)		1.3 x 10	⁻¹⁰ or less	
External leaka	ge Pa·m³/s (He)	1.3 x 10 ⁻¹¹ or less			
Proof pressure	e MPa	0.3			
Fluid temperat	ture °C		5 to	60	
Ambient temp	erature °C	0 to 60 (no freezing)			
Orifice size	mm	ø24	ø40	ø50	ø80
Stroke length	mm	10	20	22	32
Conductance	*1 {/s	13	52	80	242
Connection		NW25	NW40	NW50	NW80
Operating pres	ssure MPa		0.4 t	o 0.6	
	NC	1.1	1.9	3.6	7.9
Weight kg	NO	1.1	1.9	3.5	7.8
	Double acting	1.0	1.6	3.2	7.3
JIS symbol		● NC	● NO	Double	e acting

^{*1:} The conductance value is the theoretical calculation value in the molecular region, and not the actual measured value. Note 1: Grease for vacuum is applied to the O-rings of outer seal parts.

Switch specifications

Bereitettene	Proxim	ity switch	Reed switch		
Descriptions	T2H/T2V	T3H/T3V	TOH/TOV	T5H/T5V	
Applications	Dedicated for	For relay,	For relay,	For programmable controller, relay, IC circuit (without indicator lamp),	
	programmable controller	programmable controller	programmable controller	serial connection	
Power supply voltage	_	10 to 28 VDC	_	_	
Load voltage/current	10 to 30 VDC,	30 VDC or less,	12/24 VDC 5 to 50 mA	12/24 VDC 50 mA or less	
	5 to 20mA *3	100 mA or less	100 VAC 7 to 20 mA	100 VAC 20 mA or less	
Power consumption	_	10 mA or less	_	_	
		when ON at 24 VDC			
Internal voltage drop	4 V or less	0.5 V or less	3 V or less	0 V	
Lamp		LED (Lit v	when ON)	_	
Leakage current	1 mA or less	10 μA or less	0 mA	0 mA	
Lead wire length *2	Standard 1 m	Standard 1 m	Standa	ard 1 m	
	(oil resistant vinyl cabtyre cable	(oil resistant vinyl cabtyre cable	(oil resistant vin	yl cabtyre cable	
	2-conductor 0.2 mm ²)	3-conductor 0.2 mm ²)	2-conducto	or 0.2 mm²)	
Max. shock	980	m/s²	294	m/s²	
Insulation resistance		20 $\text{M}\Omega$ and over a	t 500 VDC megger		
Withstand voltage	No	failure after 1 minute	of 1,000 VAC applicati	on.	
Ambient temperature		-10 to	+60°C		
Degree of protection	IEC S	tandard IP67, JIS C092	20 (water-tight), oil resi	istance	
Weight		1 m:18 g 3 m:	:49 g 5 m:80 g		

^{*2:} In addition, 3 m and 5 m lead wires are available as options.

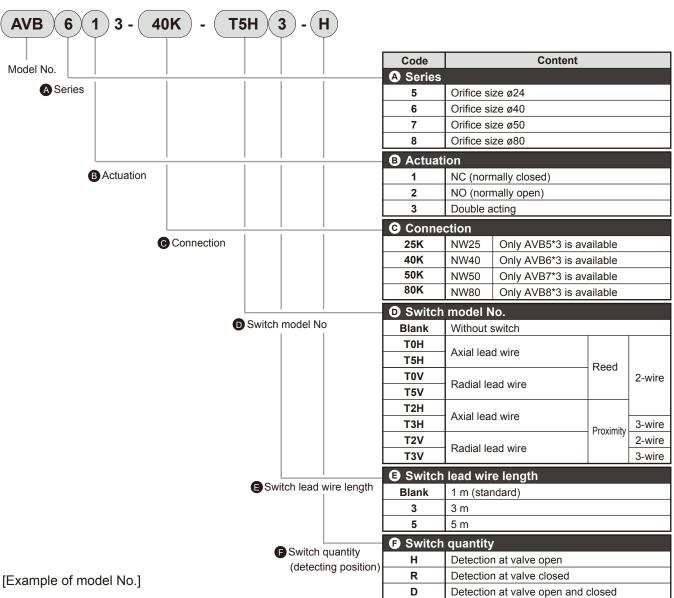
The current is lower than 20 mA if the operating ambient range around the switch is higher than 25 $^{\circ}$ C. (5 to 10 mA at 60 $^{\circ}$ C)

Note 1: Refer to pages 156 to 160 for precautions on using other switches.

^{*3:} The above max. load current is 20 mA at 25°C.

AVB⁵/₈*3 Series

How to order



AVB613-40K-T5H3-H

Model: AVB613 Air operated valve for high vacuum

A Series : Orifice ø40

B Actuation : NC (normally closed)

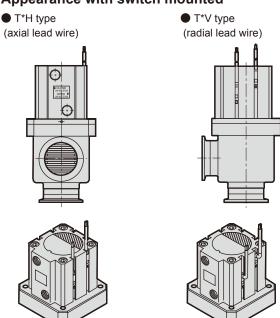
© Connection : NW40 • Switch model No. : T5H

(axial lead wire)

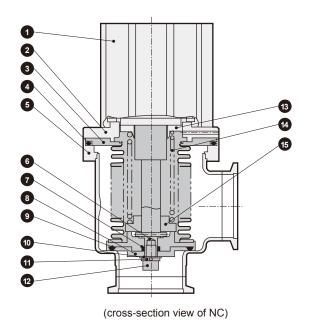
■ Lead wire length : 3 m

Switch quantity : Detection at valve open

Appearance with switch mounted





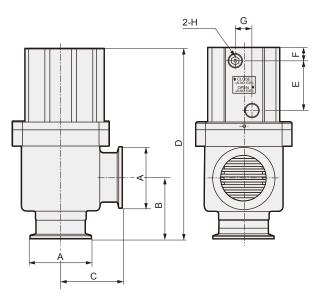


No.	Part name	Material	
0	Compact cylinder		
2	Cylinder adaptor	A5056	
3	Bellows assembly	ASL350/SUS316	L
4	O-ring	FKM Note	
6	Body assembly	SUS316L	
6	Parallel pin	SUS301	
7	O-ring	FKM Note	
8	Valve disc B	SUS316L	
9	O-ring	FKM Note	Э
1	Plain washer	SUS304	
0	Spring washer	SUS304	
12	Hexagon socket head cap screw	SUS304	
13	Spring holder B	A5056	
4	Spring	SWOSC-V (Electrodeposi	tion)
(Spring holder A	A5056	

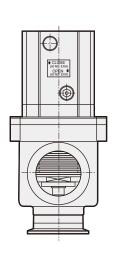
Note: Contact CKD for other O-ring material compatibility.

Dimensions

AVB*13 (NC)/AVB*33 (Double acting)







The dimensions in () within code D are for NO type.

Model No. Code	Α	В	С	D	Е	F	G	Н	- 1
AVB5*3	ø 40(NW25)	50	50	151.5(162.5)	37	8	10	Rc1/8	77
AVB6*3	ø 55(NW40)	55	55	170.5(181.5)	44.5	10.5	15	Rc1/4	86
AVB7*3	ø 75(NW50)	70	70	208	52	11	15	Rc1/4	112
AVB8*3	ø114(NW80)	90	105	258	64.5	13	15	Rc3/8	137