



VXF53..J
VXF43..J

VVF53..J
VVF43..J
VVF43..KJ

ACVATIX™

2- and 3-port valves with flanged connections, JIS- B2239-10K

VVF43/53..J
VXF43/53..J


From the large-stroke valve line


- High-performance valves for medium temperatures from -20...220 °C
- Valve body of nodular cast iron FCD400-18L (EN-GJS-400-18-LT) or higher
- DN 15...150
- k_{vs} 1.25...400 m³/h
- Flange type JIS-B2239-10K
- VVF43..KJ with pressure compensation to handle high differential pressure
- Equipable with electro-motoric actuators SAX.., or electro-hydraulic actuators SKD.., SKB.., SKC..

Use

In boiler, district heating and refrigeration plants, cooling towers, heating groups, and in air handling units as control or shutoff valves.
For use in closed or open hydraulic circuits (observe cavitation).

Type summary

	Valves JIS-B2239-K10 	Actuators				SAX.. ¹⁾		SKD.. ²⁾		SKB..		SKC..	
		Stroke				20 mm		40 mm					
		Positioning force				800 N		1000 N		2800 N		2800 N	
		Data sheet				N4501		N4561		N4664		N4566	
	Stock number	DN	k _{vs} [m ³ /h]	S _v	Δp _s	Δp _{max}	Δp _s	Δp _{max}	Δp _s	Δp _{max}	Δp _s	Δp _{max}	
[kPa]													
Fluids Preferred flow direction with fluids for low noise operation and high kvs-values with all actuator types	VVF53.15-1.25J	S55208-V110-A110	15	1.25	> 50	1370	800	1370	800	1370	800	-	-
	VVF53.15-4J	S55208-V114-A110	15	4	> 100								
	VVF53.25-6.3J	S55208-V118-A110	25	6.3	> 100								
	VVF53.25-10J	S55208-V120-A110	25	10	> 100								
	VVF53.40-16J	S55208-V124-A110	40	16	> 100								
	VVF53.40-25J	S55208-V126-A110	40	25	> 100								
	VVF53.50-31.5J	S55208-V127-A110	50	31.5	> 100								
	VVF43.65-50J	S55206-V100-A110	65	50	> 100								
VVF43.80-80J	S55206-V102-A110	80	80	> 100	-	-	-	-	-	-	450	400	
Steam ³⁾ Exclusive flow direction AB – A for steam. Also useful for maximum close-off pressure Δp _s and maximum differential pressure in operation (Δp _{max}) with fluids. Use with electro-hydraulic actuators only	VVF53.15-1.25J	S55208-V110-A110	15	1.25	> 50	-	-	1370	800	1370	800	-	-
	VVF53.15-4J ⁴⁾	S55208-V114-A110	15	3.6	> 100								
	VVF53.25-6.3J	S55208-V118-A110	25	6.3	> 100								
	VVF53.25-10J ⁴⁾	S55208-V120-A110	25	8	> 100								
	VVF53.40-16J	S55208-V124-A110	40	16	> 100								
	VVF53.40-25J ⁴⁾	S55208-V126-A110	40	23	> 100								
	VVF53.50-31.5J	S55208-V127-A110	50	31.5	> 100								
	VVF43.65-50J	S55206-V100-A110	65	50	> 100								
VVF43.80-80J	S55206-V102-A110	80	80	> 100	-	-	-	-	-	-	1370	750	
Fluids and Steam Compensated valves are optimized for a single flow direction for fluids and steam DN 100..150: AB – A	VVF43.100-150KJ	S55206-V120-A110	100	150	> 100	-	-	-	-	-	-	-	-
	VVF43.125-220KJ	S55206-V121-A110	125	220	> 100	-	-	-	-	-	-	1370	800
	VVF43.150-315KJ	S55206-V122-A110	150	315	> 100	-	-	-	-	-	-	-	-

		Stock number	DN	k _{vs} [m ³ /h]	S _v	Δp _{max} [kPa]								
						A \rightarrow B B	AB \rightarrow A B	A \rightarrow B B	AB \rightarrow A B	A \rightarrow B B	AB \rightarrow A B	A \rightarrow B B	AB \rightarrow A B	
Fluids	VXF53.15-4J	S55208-V142-A110	15	4	> 100	800	200	800	200	800	200	-	-	
	VXF53.25-6.3J	S55208-V145-A110	25	6.3										
	VXF53.25-10J	S55208-V146-A110	25	10										
	VXF53.40-16J	S55208-V149-A110	40	16		500	-	-	-	-	-	-	-	
	VXF53.40-25J	S55208-V150-A110	40	25										
	VXF53.50-40J	S55208-V152-A110	50	40		300	100	400	-	-	-	-	650	200
	VXF43.65-63J	S55206-V115-A110	65	63		-	-	-	-	-	-	-	400	200
	VXF43.80-100J	S55206-V116-A110	80	100		-	-	-	-	-	-	-	250	150
	VXF43.100-160J	S55206-V117-A110	100	160		-	-	-	-	-	-	-	160	100
	VXF43.125-250J	S55206-V118-A110	125	250		-	-	-	-	-	-	-	100	70
VXF43.150-400J	S55206-V119-A110	150	400	-	-	-	-	-	-	-	-	-		

- 1) Usable up to a max. medium temperature of 130 °C
- 2) Usable up to a max. medium temperature of 150 °C
- 3) Operate with opposite flow direction with steam
- 4) Reduced kvs value

DN = Nominal size
k_{vs} = Flow nominal value of cold water (5...30 °C) through the fully opened valve (H₁₀₀) at a differential pressure of 100 kPa (1 bar)
S_v = Rangeability
Δp_s = Maximum permissible differential pressure at which the motorized valve still closes securely against the pressure
Δp_{max} = Maximum permissible differential pressure across the valve's throughport for the entire positioning range of the motorized valve

Note




When using a stem heating element with a medium temperature of below $-5\text{ }^{\circ}\text{C}$, the stem sealing gland must be replaced. In this case, the sealing gland must be ordered separately.

DN	Stock number
DN 15...50	4 284 8806 0
DN 65...150	4 679 5629 0

Spare parts, Rev.-No.

See page 17

Accessories

Product number	Stock number	Description	Note	
ASZ6.6	S55845-Z108	Stem heating element	Required for medium temperatures $< 0\text{ }^{\circ}\text{C}$	
-	4 284 8806 0	Stem sealing gland	When using valves of the V..F53..J lines DN 15...50 with a stem heating element and a medium temperature below $-5\text{ }^{\circ}\text{C}$, the stem sealing gland must be replaced. With the gland 428488060 the valve can be used with water, water with antifreeze and brines between $-20\text{ }^{\circ}\text{C}$ and $150\text{ }^{\circ}\text{C}$.	
-	4 679 5629 0	Stem sealing gland	When using valves of the V..F43..J lines DN 65...150 with a stem heating element and a medium temperature below $-5\text{ }^{\circ}\text{C}$, the stem sealing gland must be replaced. With the gland 467956290 the valve can be used with water, water with antifreeze and brines between $-20\text{ }^{\circ}\text{C}$ and $150\text{ }^{\circ}\text{C}$.	

Equipment combinations

Product number	Description	Stroke	Positioning force	Operating voltage	Positioning signal	Spring return time	Positioning time	LED	Manual adjuster	Auxiliary functions		
SAX31.00	S55150-A105	20 mm	800 N	AC 230 V	3-position	-	120 s	-	Push and fix	1), 2),		
SAX31.03	S55150-A106						30 s			3), 4),		
SAX61.03	S55150-A100			AC/DC 24 V	0...10 V 4...20 mA 0...1000 Ω		120 s			-	Push and fix	1), 2),
SAX61.03U	S55150-A100-A100						30 s					
SAX81.00	S55150-A102						3-position					
SAX81.03	S55150-A103	-	3-position	120 s	-	Push and fix	1), 2),					
SAX81.03U	S55150-A103-A100			30 s								
SKD32.21	SKD32.21	20 mm	1000 N	AC 230 V	3-position	8 s	Opening: 30 s Closing: 10 s	-		1), 2),		
SKD32.50	SKD32.50					-	120 s					
SKD32.51	SKD32.51					8 s						
SKD60	SKD60			AC 24 V	0...10 V 4...20 mA 0...1000 Ω	-	15 s	Opening: 30 s Closing: 15 s	✓	Turn, Position is maintained	3)	
SKD62	SKD62											
SKD62U	SKD62U											
SKD62UA	SKD62UA											
SKD82.50	SKD82.50			-	3-position	-	120 s	-	-	1), 2),		
SKD82.50U	SKD82.50U											
SKD82.51	SKD82.51											
SKD82.51U	SKD82.51U	8 s										
SKB32.50	SKB32.50	20 mm	2800 N	AC 230 V	3-position	-	120 s	-		1), 2),		
SKB32.51	SKB32.51					10 s						
SKB60	SKB60			AC 24 V	0...10 V 4...20 mA 0...1000 Ω	-	10 s	Opening: 120 s Closing: 10 s	✓	Turn, Position is maintained	3)	
SKB62	SKB62											
SKB62U	SKB62U											
SKB62UA	SKB62UA											
SKB82.50	SKB82.50			-	3-position	-	120 s	-	-	1), 2),		
SKB82.50U	SKB82.50U											
SKB82.51	SKB82.51											
SKB82.51U	SKB82.51U	10 s										
SKC32.60	SKC32.60	40 mm	2800 N	AC 230 V	3-position	-	120 s	-		1), 2),		
SKC32.61	SKC32.61					18 s						
SKC60	SKC60			AC 24 V	0...10 V 4...20 mA 0...1000 Ω	-	20 s	Opening: 120 s Closing: 20 s	✓	Turn, Position is maintained	3)	
SKC62	SKC62											
SKC62U	SKC62U											
SKC62UA	SKC62UA											
SKC82.60	SKC82.60			-	3-position	-	120 s	-	-	1), 2),		
SKC82.60U	SKC82.60U											
SKC82.61	SKC82.61											
SKC82.61U	SKC82.61U	18 s										

- 1) Auxiliary switch (optional)
- 2) Potentiometer (optional)
- 3) Position feedback, forced control, selection of valve characteristic
- 4) Optional: Sequence control, selection of acting direction
- 5) Plus sequence control, stroke limitation, and selection of acting direction

Ordering

Example

Product number	Stock number	Description
VXF53.25-6.3J	S55208-V145- A110	3-port valve with flange, JIS-B2239-10K, DN25
SAX31.03	S55150-A106	Electromotive actuator

Delivery

Valves, actuators and accessories are packed and delivered as separate items.

Note





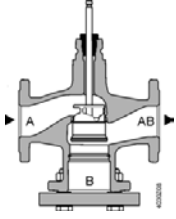
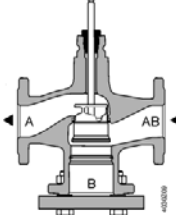
Counter-flanges, bolts and gaskets must be provided on site.

Product documentation

• Mounting Instructions	M4030.3 74 319 0869 0	DN 15...150
• Basic documentation	P4030	Contains background information and technical basic knowledge of valves




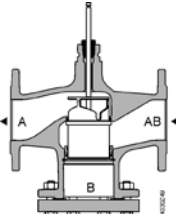
The illustrations below show the basic design of the valves. Constructional features, such as the shape of plugs, may differ.

2-port valves

 Fluids	 Steam (Fluids possible)
 Closing against the pressure	 Closing with the pressure
 <p style="text-align: center;">A → AB</p> <p style="text-align: center;">For use with all actuators</p>	 <p style="text-align: center;">A ← AB</p> <p style="text-align: center;">Use with electro-hydraulic actuators only</p>

2-port valves
pressure compensated




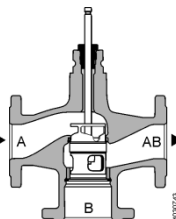
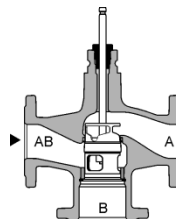
The VVF43..KJ valves use a pressure-compensated plug. This enables the same type of actuators to be used for the control of volumetric flow at higher differential pressures.

  DN 100...150 Fluids and Steam
 Closing with the pressure
 <p style="text-align: center;">A ← AB</p> <p style="text-align: center;">Use with electro-hydraulic actuators only</p>

Note

2-port valves do not become 3-port valves by removing the blank flange!

3-port valves

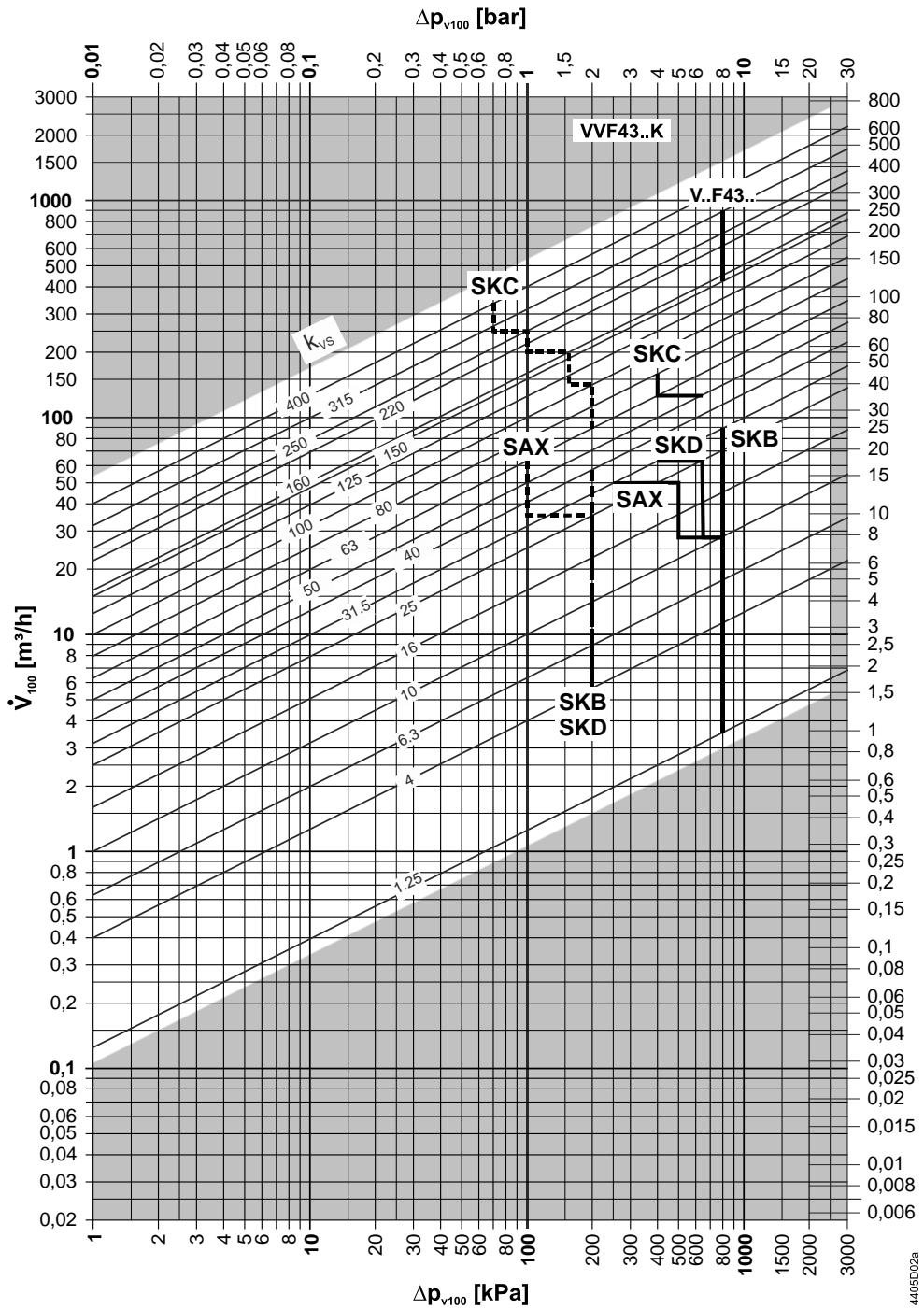
 Fluids	
 Mixing valve (preferred use)	 Diverting valve
 <p style="text-align: center;">A T → AB B</p>	 <p style="text-align: center;">AB T → A B</p>

Sizing

Flow chart

VVF53..J, VXF53..J

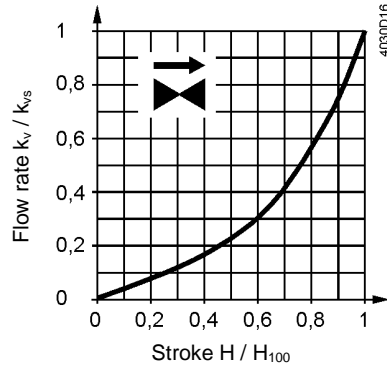
VVF43..J, VXF43..J



Δp_{max} values apply for the mixing function. Δp_{max} values for the diverting function see table "Type summary", page 2

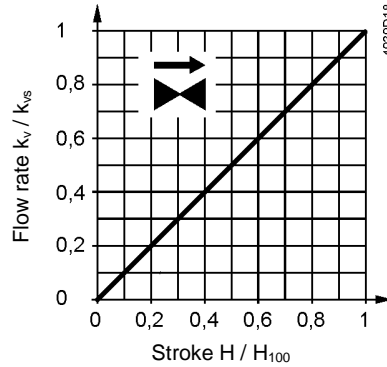
44:05D02a

**Valve characteristics
2-port valves**



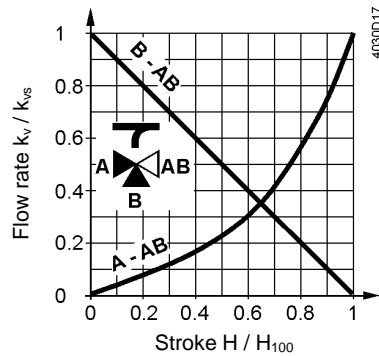
0...30 %: Linear
 30...100 %: Equal percentage
 $n_{gl} = 3$ to VDI / VDE 2173
 For high k_{vs} values the valve characteristic is optimized for maximum volumetric flow k_{V100} .

For product lines:
 VVF43.125-220KJ
 VVF43.150-315KJ



0...100 %: Linear

3-port valves



Throughport A-AB

0...30 %: Linear
 30...100 %: Equal percentage
 $n_{gl} = 3$ to VDI / VDE 2173

For high k_{vs} values the valve characteristic is optimized for maximum volumetric flow k_{V100} .

Bypass B-AB

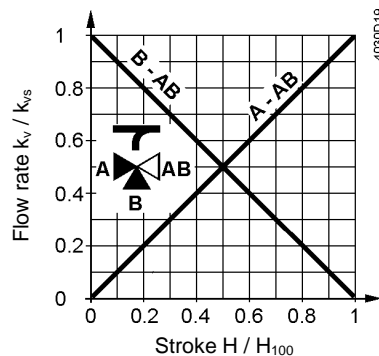
0...100 %: Linear

Port AB = constant volumetric flow
 Port A = variable volumetric flow
 Port B = Bypass (variable volumetric flow)

Mixing: Volumetric flow from port A and port B to port AB

Diverting: Volumetric flow from port AB to port A and port B

For product lines:
 VXF43.125-250J
 VXF43.150-400J



Throughport A-AB

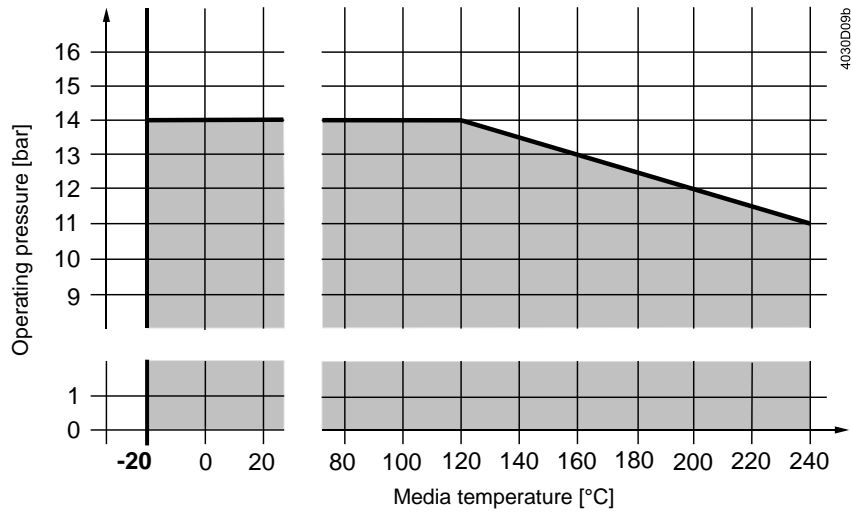
0...100 %: Linear

Bypass B-AB

0...100 %: Linear

Operating pressure and medium temperature

Fluids
with V..F43..J and
V..F53..J

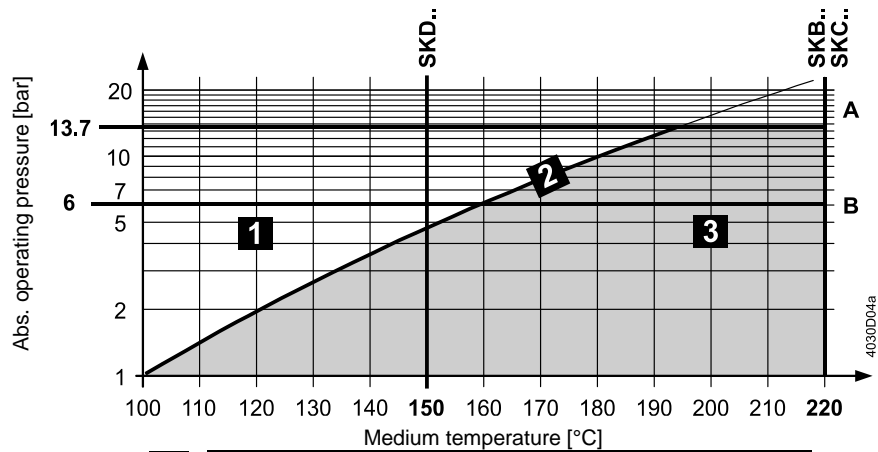


Operating pressure and operating temperatures according to JIS-B2220

Notes

All relevant local directives must be observed

Saturated steam
Superheated steam
with VVF43..J/VVF53..J



1	Water	-
2	Wet steam	To be avoided
3	Saturated steam Superheated steam	Permissible operating range
A	Subcritical pressure ratio	
B	Supercritical pressure ratio	

Medium compatibility and temperature ranges

Medium	Temperature range		Valve				Note
	T _{min} [°C]	T _{max} [°C]	VVF43..J VVF53..J	VXF43..J VXF53..J	VVF43..KJ ³⁾		
Cold water	1	25	■	■	■	-	
Low-temperature hot water	1	120	■	■	■	-	
Water with antifreeze	-5	120	■	■	■	V..F43/V..F53: With a medium temperature of below -5 °C, the stem sealing gland must be replaced	
	-20	120	■	■	-		
Cooling water ¹⁾	1	25	■	■	■	-	
Brines	-5	120	■	■	■	V..F43/V..F53: With a medium temperature of below -5 °C, the stem sealing gland must be replaced	
	-20	120	■	■	-		
Saturated steam ²⁾	100	150	■	-	■	-	
	100	220	■	-	■	-	
Superheated steam	120	150	■	-	■	-	
	120	220	■	-	■	-	
Heat transfer oils	20	220	■	■	■	On the basis of mineral oil	

¹⁾ Open circuits

²⁾ VVF43..J, VVF53..J operate with inverted flow direction

³⁾ VVF43..KJ can't be used with media below -5 °C due to the compensation sealing material

Fields of use

Fields of use		Valve	
		VVF43..J / VVF53..J	VXF43..J / VXF53..J
Generation	Boiler plants	■	■
	District heating plants	■	-
	Refrigeration plants	■	■
	Cooling towers ¹⁾	■	■
Distribution	Heating groups	■	■
	Air handling units	■	■

¹⁾ Open circuits

Engineering notes

Mounting location

Preferably mount the valves at the return, as the temperature is lower there and the strain on the stem sealing gland is lower.

Operate valves of the product lines VVF43..J/VVF53..J with inverted flow direction for steam.

Dirt trap

Mount a dirt filter or dirt trap before the valve to ensure proper functioning, and a long service life of the valve.

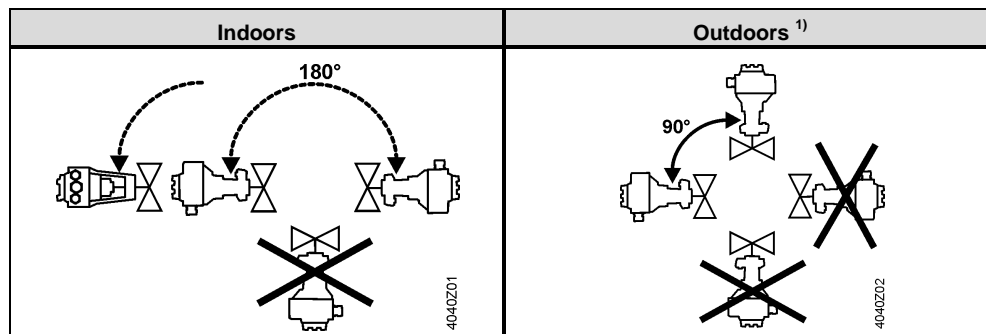
Remove dirt, welding beads, etc. from the valves and pipes.

Cavitation

Cavitation can be avoided by limiting the pressure differential across the valve depending on the medium temperature and the prepressure.

Mounting notes

Mounting position



¹⁾ Only in combination with weather shield ASK39.1 and actuators SAX..

Mounting positions apply to both 2- and 3-port valves.

Commissioning notes



The valve may be put into operation only if actuator and valve are correctly assembled.

Note

Ensure that actuator stem and valve stem are rigidly connected in all positions.

Function check

Valve	Throughport A→AB or AB→A	Bypass B→AB
Valve stem extends	Closes	Opens
Valve stem retracts	Opens	Closes

Maintenance notes

The valves are maintenance-free.



When servicing valves or actuators:

- Deactivate the pump and turn off the power supply
- Close the shutoff valves
- Fully reduce the pressure in the piping system and allow pipes to completely cool down

If necessary, disconnect the electrical wires.

Disposal

Do not dispose of the device as unsorted municipal waste.

- Special handling of individual components may be mandated by law or make ecological sense.
- Observe all local and currently applicable laws and regulations.

Warranty

Application-related technical data are guaranteed only when the valves are used in connection with the Siemens actuators listed under "Equipment combinations", page 3.

When used with actuators of other manufacture, any warranty by Siemens becomes void.

Technical Data

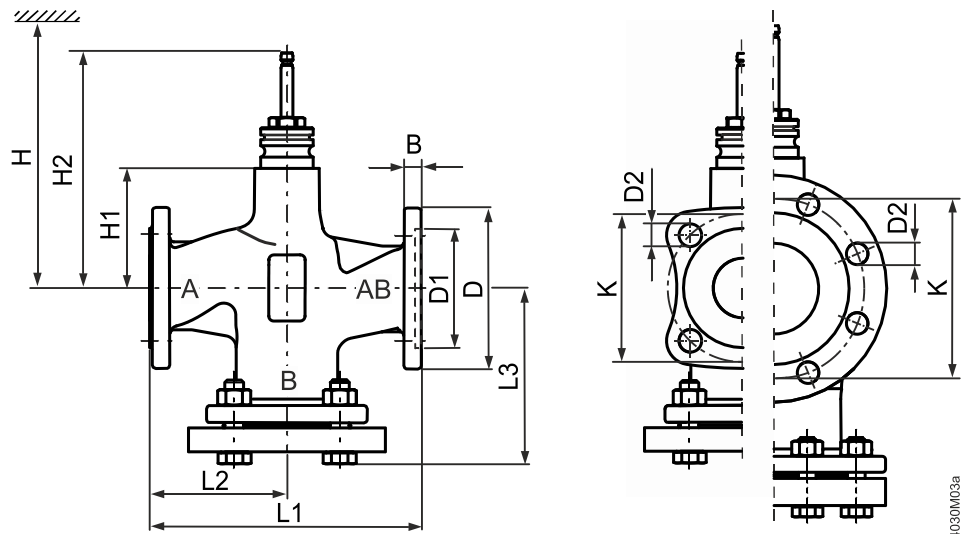
Functional data	Pressure Class	10K	
	Connection	Flange JIS-B2239 – 10K	
	Operating pressure	See Section "Operating pressure and medium temperature" page 10	
	Valve characteristics ¹⁾	See section "Valve characteristics", page 9	
	Leakage rate	Throughport	0...0.01% of k_{vs} value (Class IV)
		Bypass	0.5...2% of k_{vs} value with SKD..., SKB..., SKC.. 0.05% of k_{vs} value with SAX..
	Permissible media	See table " Medium compatibility and temperature ranges", page 10	
	Medium temperature		
	Water/Water with anti freeze	-20...120 °C ²⁾	
	Steam	100...220 °C ²⁾ VVF43..KJ: -5...220 °C	
	Rangeability	DN 15, k_{vs} 1.25 m ³ /h: >50 DN 15...150: >100	
	Nominal stroke	Up to DN 50: 20 mm From DN 65: 40 mm	
	Materials	Valve body	FCD400-18L (EN-GJS-400-18-LT)
Blank flange		VVF.. P265GH (higher then P235GH = JIS G 3115 -SPV24)	
Valve stem, seat, plug		Stainless steel	
Stem sealing gland		Stainless steel FEPM (silicone-free)	
Compensation sealing		Stainless steel DN 100...150: FEPM (silicone-free)	
Standards	Pressure Equipment Directive	PED 2014/68/EU	
	Pressure accessories	Scope: Article 1, section 1 Definition: Article 2, section 5	
	Fluid group 2	PS 14 bar (According JIS-B2239-10K)	
	without CE certification as per article 4, section 3 (sound engineering practice) ³⁾	≤ DN 65	
	Category I, Module A, with CE-marking, as per article 14, section 2	DN 80...125	
	Category II, Module A2, with CE-marking, as per article 14, section 2	DN 150	
	EU Conformity (CE):		
	DN80...150	A5W00006523 ⁴⁾	
	PN class	ISO 7268	
	Operating pressure	ISO 7005, DIN EN 12284	
	Flanges	JIS-B2239-10K	
	Length of flanged valves	DIN EN 558-1, line 1	
Valve characteristic	VDI 2173		

Leakage rate	Throughport, Bypass according to EN 60534-4 / EN 1349	
Water treatment	VDI 2035	
Environmental conditions		
Storage: IEC 60721-3-1	Class	1K3
	Temperature	-15...+55 °C
	Rel. humidity	5...95% r.H.
Transport: IEC 60721-3-2	Class	2K3, 2M2
	Temperature	-30...+65 °C
	Rel. humidity	< 95% r.H.
Operation: IEC 60721-3-3	Class	3K5, 3Z11
	Temperature	-15...+55 °C
	Rel. humidity	5...95% r.H.
Environmental compatibility	ISO 14001 (environment) ISO 9001 (quality) SN 36350 (environmentally compatible products) RL 2002/95/EG (RoHS)	
Dimensions / Weight	Dimensions	See „Dimensions“, page 15
	Weight	See „Dimensions“, page 15

- 1) For certain valve lines and high k_{vs} values, the valve characteristic is optimized for maximum volumetric flow k_{V100}
- 2) With SAX.. : Usable up to a max. medium temperature of 130 °C
With SKD..: Usable up to a max. medium temperature of 150 °C
For medium temperatures < -5 °C, the stem sealing gland must be replaced, please see page 4.
- 3) Valves where $PS \times DN < 1000$, do not require special testing and cannot carry the CE label.
- 4) The documents can be downloaded from <http://www.siemens.com/bt/download>

Dimensions

VVF53..J
VVF43..J

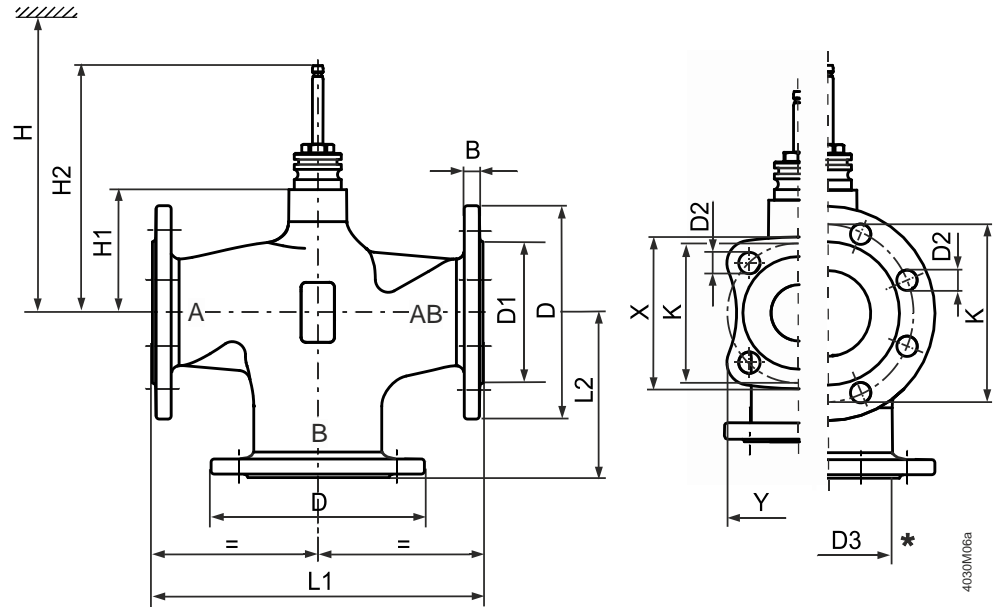


Product number	DN	K _G	B	Ø D	Ø D1	Ø D2	L1	L2	L3	Ø K	H1	H2	H			
													SAX..	SKD..	SKB..	SKC..
VVF53..J	15	4.2	14	95	46	15 (4x)	130	65	87.5	70	63	159.5	505	563	638	-
VVF43..J	25	6.2	15	115	65	19 (4x)	160	80	104.5	90	63	159.5	505	563	638	-
	40	10.2	16	150	84	19 (4x)	200	100	129	105	60	156.5	502	560	635	-
	50	13.7	16	165	99	19 (4x)	230	115	146	120	100	196.5	542	600	675	-
	65	22.1	17	185	118	19 (4x)	290	145	178	140	115	231.5	-	-	-	690
	80	28.1	17	200	132	19 (8x)	310	155	190	150	115	231.5	-	-	-	690
	100	34.1	17	220	156	19 (8x)	350	175	212.5	175	146	262.5	-	-	-	721
	125	46.7	17	250	184	23 (8x)	400	200	242	210	159	275.5	-	-	-	734
	150	68.7	17	284	211	23 (8x)	480	240	284	240	186.5	303	-	-	-	762

Bolt diameter and bolt-circle are corrected according JIS - B2239 - 10K

Flange Sealing area / flange outside diameter is kept according to ISO 7005-2

VXF53..J
VXF43..J





Product number	DN	kg	B	Ø D	Ø D1	Ø D2	L1	L2	L3	Ø K	H1	H2	H			
													SAX..	SKD..	SKB..	SKC..
VXF53..J	15	3.2	14	95	46	15 (4x)	130	65	65	70	63	159.5	505	563	638	-
VXF43..J	25	4.7	15	115	65	19 (4x)	160	80	80	90	63	159.5	505	563	638	-
	40	7.2	16	150	84	19 (4x)	200	100	100	105	60	156.5	502	560	635	-
	50	9.8	16	165	99	19 (4x)	230	115	115	120	100	196.5	542	600	675	-
	65	16.5	17	185	118	19 (4x)	290	145	145	140	115	231.5	-	-	-	690
	80	20.7	17	200	132	19 (8x)	310	155	155	150	115	231.5	-	-	-	690
	100	26.9	17	220	156	19 (8x)	350	175	175	175	146	262.5	-	-	-	721
	125	36.4	17	250	184	23 (8x)	400	200	200	210	159	275.5	-	-	-	734
	150	54.9	17	284	211	23 (8x)	480	240	240	240	186.5	303	-	-	-	762

Bolt diameter and bolt-circle are corrected according JIS-B2239-10K
Flange Sealing area / flange outside diameter is kept according to ISO 7005-2

Spare parts

Stem sealing gland

Product number	DN	Stock number	Comments	
VVF53..J VXF53..J	DN 15...50	74 284 0061 0	Standard version with FEPM-O-ring for medium temperatures between -5 °C and 220 °C.	
VVF43..J VXF43..J VVF43..KJ	DN65...150 Series A	74 284 0061 0	Standard version with FEPM-O-ring for medium temperatures between -5 °C and 220 °C.	
VVF43..J VXF43..J VVF43..KJ	DN 65...150 As from series B	S55846-Z114	Standard version with FEPM-O-ring for medium temperatures between -5 °C and 220 °C.	
VVF53..J VXF53..J	DN 15...50	4 284 8806 0	When operating with medium temperatures below -5 °C. With the gland 428488060 the valve can be used with water, water with antifreeze and brines between -20 °C and 150 °C.	
VVF43..J VXF43..J	DN 65...150	4 679 5629 0	When operating with medium temperatures below -5 °C. With the gland 467956290 the valve can be used with water, water with antifreeze and brines between -20 °C and 150 °C.	

Revision numbers

Product number	Valid from rev. no.	Product number	Valid from rev. no.
VVF53.15-1.25J	..B	VXF53.15-4J	..B
VVF53.15-4J	..B	VXF53.25-6.3J	..B
VVF53.25-6.3J	..C	VXF53.25-10J	..B
VVF53.25-10J	..C	VXF53.40-16J	..B
VVF53.40-16J	..C	VXF53.40-25J	..B
VVF53.40-25J	..C	VXF53.50-40J	..B
VVF53.50-31.5J	..B	VXF43.65-63J	..B
VVF43.65-50J	..B	VXF43.80-100J	..B
VVF43.80-80J	..B	VXF43.100-160J	..B
VVF43.100-125J	..B	VXF43.125-250J	..B
VVF43.125-200J	..B	VXF43.150-400J	..B
VVF43.150-315J	..B		
VVF43.100-150KJ	..B		
VVF43.125-220KJ	..B		
VVF43.150-315KJ	..B		

Issued by
Siemens Switzerland Ltd
Building Technologies Division
International Headquarters
Theilerstrasse 1a
6300 Zug
Switzerland
Tel. +41 58-724 24 24
www.siemens.com/buildingtechnologies

© Siemens Switzerland Ltd, 2011
Technical specifications and availability subject to change without notice.