



SCVX-SILENT CHECK VALVES

SCVX-Silent Check Valve is used as protection against reverse flows when power failure in areas where noise pollution or water hammering is a critical issue.

FEATURES:

- High strength ductile iron body used for durability and less weight.
- Advanced dynamic design assures lower head loss.
- Coated with powder epoxy for corrosion resistance.
- Rubber seat provides bubble tight shut-off.
- Reinforced plastic bearing easy for assembly and less parts.
- Hydrodynamic design ensures non slamming and water hammerless.
- SS spring hidden in the diffuser under protection while valve in operation.
- Disc will positively close before reverse flow.
- Valve and pipeline stays calm and quiet during closure.



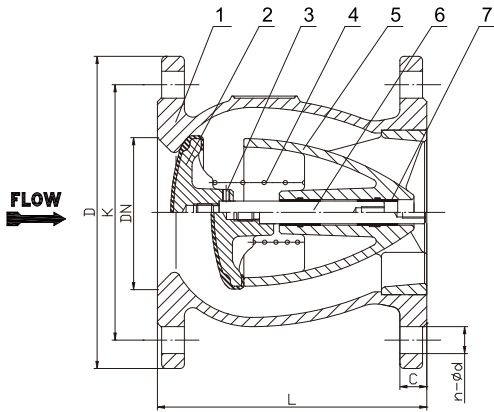
Field Services:

- **Mainly used for clean water such as: Water, Fire-fighting, Irrigation, Cooling and HVAC System.**

Technical Data:

- **Size range:DN50~DN300mm**
- **Pressure rating:1.0Mpa;1.6Mpa**
- **Working temperature:-10℃~120℃**
- **Flow Media:Clean water, Oil.**
- **End connection:PN10/PN16**
(The Flange can be drilled according to JIS 10K/ANSI125/150)

SCVX-SILENT CHECK VALVES



Part List

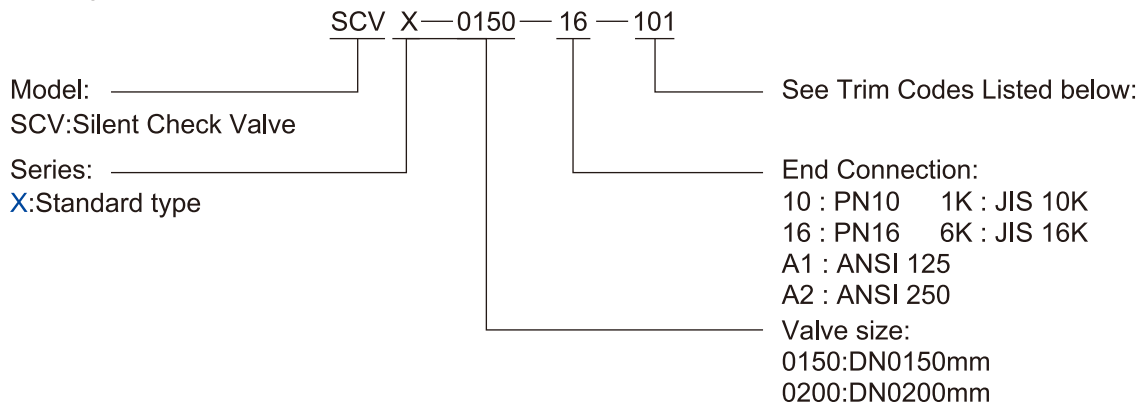
No.	Part Names	Material	Standard
1	Body	Ductile Iron	ASTM A536
2	Disc	DI+Rubber	ASTM A536+EPDM/NBR
3	Int Hex Bolt	Stainless Steel	ANSI 304/316L
4	Spring	Stainless Steel	ANSI 304/316L
5	Diffuser	Ductile Iron	ASTM A536
6	Stem	Stainless Steel	ANSI 410/304/316L
7	Bearing	Resin	Commercial

Dimensions:

Unit:mm

DN	Model No.	L	D		K		n-d		C
			PN10	PN16	PN10	PN16	PN10	PN16	
50	SCV X -0050	150	165		125		4-19		19
65	SCV X -0065	170	185		145		4-19		19
80	SCV X -0080	180	200		160		8-19		19
100	SCV X -0100	190	220		180		8-19		19
125	SCV X -0125	200	250		210		8-19		19
150	SCV X -0150	210	285		240		8-23		19
200	SCV X -0200	230	340		295		8-23 12-23		20
250	SCV X -0250	250	405		350 355		12-23 12-28		22
300	SCV X -0300	270	460		400 410		12-23 12-28		24.5

Ordering:



Trim Codes:

Codes	Body	Disc/Rubber	Stem	Max Working Temp
101	DI	DI+EPDM	AISI 410	120°C
102	DI	DI+EPDM	AISI 304	120°C
103	DI	DI+EPDM	AISI 316L	120°C
201	DI	DI+NBR	AISI 410	80°C
202	DI	DI+NBR	AISI 304	80°C
203	DI	DI+NBR	AISI 316L	80°C

