SCV-16,4EN

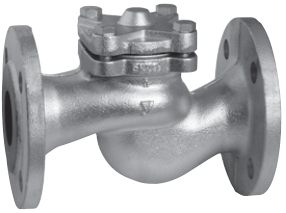
SCV-16 and SCV-4EN lift check valve prevent backflow of fluid. It is widely used in steam and water pipelines.

■Features

1. The valve and the valve seat are made of stainless steel for excellent durability.

■Specifications

Model		SCV-16	SCV-4EN
Nominal size		15-50A	15-250A
Application		Steam, Air, Cold and hot water, Oil, Other non-dangerous fluids*1	
Maximum pressure		1.6MPa*2	1.6MPa
Maximum temperature		200°C*2	300°C
Connection		JIS Rc or NPT screwed	EN PN16 flanged
Minimum opening pressure		0.05MPa	
Installation		Horizontal and vertical*3	
Material	Body	Ductile cast iron	Cast iron
	Valve, valve seat	Stainless steel	



*1 Do not use the valve in applications that do not allow any valve seat leakage.

*2 The relationship between working pressure and temperature is according to the rating below.

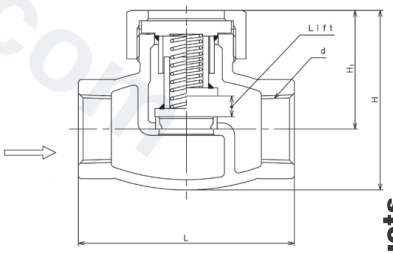
Max. working temperature (℃)	-10 to 120	150	180	200
Max. working pressure	1.6MPa	1.4MPa	1.3MPa	1.2MPa

*3 The valve can be installed on a vertical pipe only for the flow from bottom to top.

■Dimensions (mm) and Weights (kg)

· SCV-16

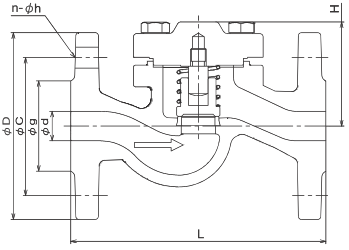
Nominal size	d	H	L	H1	Lift	Weight
15A	Rc 1/2	69.5	75	48	7	0.5
20A	Rc 3/4	77.5	90	52.5	11.5	0.9
25A	Rc 1	87	105	57.5	13	1.4
32A	Rc 1-1/4	101.5	120	65.5	15.5	1.9
40A	Rc 1-1/2	114	135	74	17.5	2.8
50A	Rc 2	137.5	160	87.5	22.5	3.5



SCV-16

· SCV-4EN

Nominal size	d	H	L	Flange BSEN PN16				Weight
				D	C	G	n-h	
15A	15	56	130	95	65	46	4-14	2.1
20A	20	56	150	105	75	56	4-14	2.7
25A	25	67	160	115	85	65	4-14	3.8
32A	32	76	180	140	100	76	4-19	5.5
40A	40	89	200	150	110	84	4-19	7.4
50A	50	96	230	165	125	99	4-19	9.5
65A	65	104	290	185	145	118	4-19	15.0
80A	80	124	310	200	160	132	8-19	20.0
100A	100	161	350	220	180	156	8-19	29.0
125A	125	174	400	250	210	184	8-19	41.0
150A	150	197	480	285	240	211	8-23	66.0
200A	200	248	600	340	295	266	12-23	111
250A	250	295	730	405	355	319	12-28	196



SCV-4EN

■Pressure Loss Chart (For water)