

MV-350

AXIAL SILENT CHECK VALVE

Production Standards

Size Range	DN100 - DN1000
Pressure Range	PN 10 - PN16
Design	EN 12334 / EN 16767
Connection	EN 1092-2 / ISO 7005-2
Face to Face	EN 558 Series 8a / ISO 5752 Series 8
Marking	EN 19
Tests	EN 12266-1
Coating	Electrostatic/Thermoplastic Powder Epoxy
Temperature	EPDM : -10°C to +80 °C NBR: - 10°C to +60 °C VITON: -10°C to +110 °C



350

Product Description

MV-350 Axial Silent Check Valves also known as non-slam and spring-assisted check valves. One of the most curial function of IV-350 is to reduce or eliminate water hammer effects. Spring loaded disc and short closing stroke provides quick response to flow changes.

Application Areas

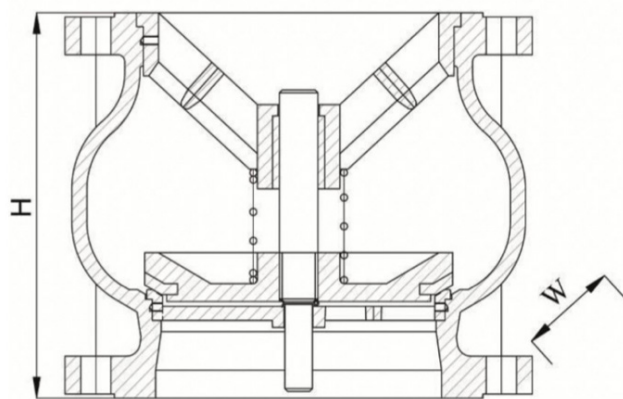
- High building industry
- Potable water transmission systems
- Water supply plant
- Transmission pipeline compressor discharge
- Firefighting industry
- Multiphase pumping

Product Features

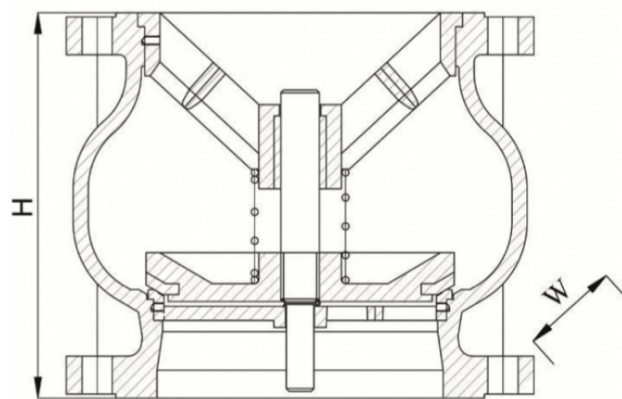
- Non-slam closure
- Suitable for high flow velocities
- Venturi-shaped body enables low pressure loss
- Widely used in pipelines where flow can turn into reverse flow quickly
- High deceleration rates by closing very quick
- NBR or VITON disc sealing options are also available
- Avoids turbulence and prevents vibration
- Low weight and short face to face design
- Horizontal or vertical installation
- Maintenance free



Technical Data



Ø80-400



Ø80-400

No	Part	Material
1	Body	GGG50 Ductile Iron
2	Body Bushing	Bronze
3	Disc Sealing	EPDM
4	Disc	GGG50 Ductile Iron
5	Spring	AISI 304 Stainless Steel
6	Stem	AISI 304 Stainless Steel
7	Stem Centering Part	GGG50 Ductile Iron

DN	ØD	ØK	Ød	C	f	ØLxn	L
100	220	180	156	19	3	19x8	175
125	250	210	184	19	3	19x8	200
150	285	240	211	19	3	23x8	225
200	340	295	266	20	3	23x8	275
250	405	350	319	22	4	23x12	325
300	460	400	370	24.5	4	23x12	375
350	520	460	429	26.5	4	23x16	425
400	580	515	480	28	4	28x16	475
450	640	565	530	30	4	28x20	500
500	670	620	582	36.5	4	28x20	550
600	840	725	682	42	5	31x20	600
700	910	840	794	39.5	5	31x24	650
800	1025	950	901	43	5	34x24	700
900	1125	1050	1000	54	5	34x28	800
1000	1255	1160	1112	60	5	37x28	900