

Cast Iron Silencing Check Valve



PRODUCT OVERVIEW

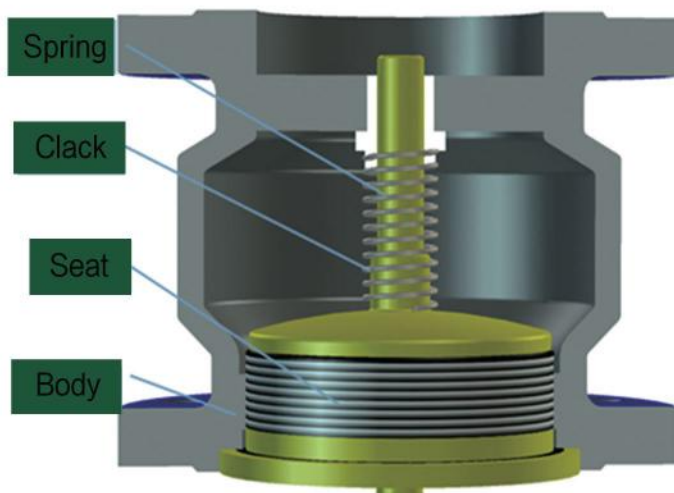
Body material:	Gary cast iron
Size range:	DN40 ~ 250mm
Pressure rating:	1.6MPa
Operating temperature:	0 ~ 80°C
End connection:	Flanged
Applicable medium:	Water, Sewage
Mode of operation:	Manual
Applicable industry:	Water & Water treatment, Power generation, Pulp & Paper, Municipal, Heating & Ventilation
Design & Manufacture:	API, ASME, ASTM, ANSI, BS, DIN, JIS, ISO, GB

DESIGN FEATURES

1. The fluid resistance is small, and thus the sealing surface will be less eroded and corroded by the medium.
2. It features shape simple, good manufacturing process, and wide scope of application.
3. The stop block in the valve cavity prevents the valve clack from being opened too high to be closed, making the performance of the whole machine more stable.
4. The flow direction of the medium during installation is consistent with the direction of the arrow on the valve body.

VALVE MATERIAL LIST

Part Name	Part Material
Valve body	Grey cast iron
Valve seat	Gray iron copper plated + Rubber, Brass + Rubber
Valve clack	Gray iron plated with copper, Brass
Spring	Stainless steel
Shaft sleeve	PTFE/PDFE



TECHNICAL SPECIFICATIONS

DN	L	D	D ₁	D ₂	b-f	Z-Φd
40	125	145	110	85	17-2	4xΦ18
50	125	160	125	100	19-2	4xΦ18
65	135	180	145	120	19-2	4xΦ18
80	155	195	160	135	21-2	8xΦ18
100	165	215	180	155	23-2	8xΦ18
125	190	245	210	185	25-2	8xΦ18
150	220	280	240	210	27-2	8xΦ23
200	255	335	295	265	29-2	12xΦ23
250	270	405	355	320	31-2	12xΦ25

