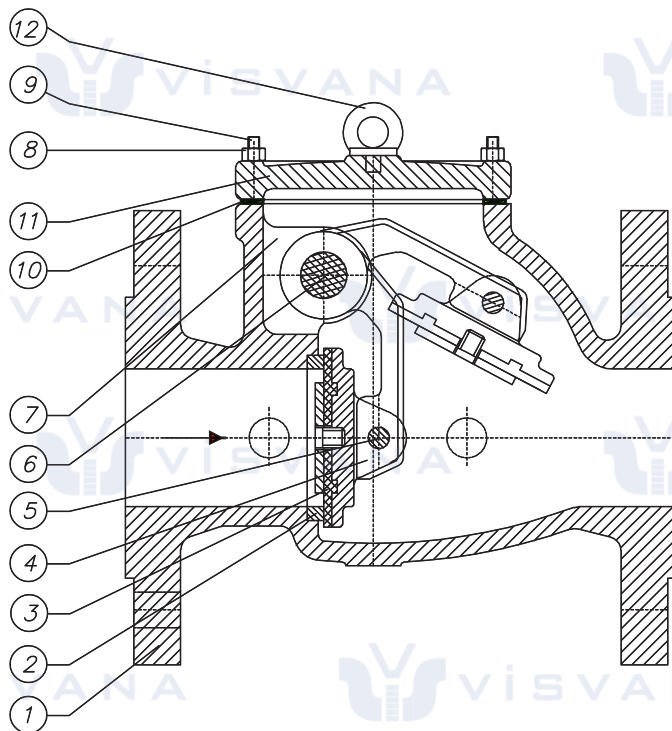


API SWING CHECK VALVE



STANDARD MATERIAL To API 600

Trim Code	Seat Ring Surface Part No.2	Disc Surface Part No.3	Hing pin Part No.6
1	F6	F6	F6
2	F304	F304	F304
5	Stellite	Stellite	F6
8	Stellite	F6	F6
9	Monel	Monel	Monel
10	F316	F316	F316
13	Alloy 20	Alloy 20	Alloy 2

Standards

Design and Manufacture	BS 1868-1873, ASME B16.34, API6D
Inspection and Test	API598, API6D
End Flange dimension	ASME B16.5
End Flange dimension	ASME B16.47A MSS SP-44
End Flange dimension	ASME B16.47B API605
BW end dimension	ASME B16.25
Face to face	ASME B16.10
Pressure-temperature ratings	ASME B16.34
Wall thickness dimension	API600 and BS 1868

Standard Material Specifications

Parts name		Carbon steel to ASTM		Alloy Steel to ASTM				Stainless Steel to ASTM			
1	Body	A216 WCB	A352 LCB	A217 WC1	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
11	Cover	A216 WCB	A352 LCB	A217 WC1	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
3	Disc	A216 WCB	A352 LCB	A217 WC1	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
4	Hinge	A216 WCB	A352 LCB	A217 WC1	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
9	Bolt	A193 B7	A320 L7	A193 B7	A193 B16	A193 B16	A193 B16	A193 B8	A193 B8	A193 B8	A193 B8
8	Nut	A194 2H	A194 4	A194 2H	A194 4	A194 4	A194 4	A194 8	A194 8	A194 8	A194 8
5	Disc Nut	A194 2H	410	410	410	410	410	304	316	304L	316L
10	Gasket	SS Spiral Wound W/graphite, or SS Spiral Wound W/PTFE, of Reinforced PTFE									
12	Eye Bolt	Steel									
7	Yoke	A216 WCB	A352 LCB	A217 WC1	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M

Noted: The chart above only lists out some common composition of steel globe valve parts. We may provide other different parts material composition according to the customer's request or the actual valve working condition.