

# Swing check valve

## Trim Material Specification to API 600

Material code	Disc Sealing Surface	Seat Ring surface	Hinge Pin
1	13Cr	13Cr	A182 F6a
2	18Cr-8Ni	18Cr-8Ni	A182 F304
5	Stellite	Stellite	A182 F6a
8	13Cr	Stellite	A182 F6a
9	Monel	Monel	Ni-Cu Alloy
10	18Cr-8Ni	18Cr-8Ni	A182 F316
12	18Cr-8Ni	Stellite	A182 F316
13	Alloy 20	Alloy 20	Alloy 20
16	Stellite	Stellite	A182 F316
20	Bronze	Bronze	Bronze

## Standard Material Specification

Name	Carbon Steel to ASTM		Alloy steel to ASTM			Stainless Steel to ASTM			
Body	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
Seat ring	A 105	A350 LF2	A182 F11	A182 F22	A182 F5a	A182 F304	A182 F316	A182 F304L	A182 F316L
Disc	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
Hinge	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
Gasket	Reinforced Flat Graphite or Stainless Steel Spiral Wound with Graphite								
Bonnet Bolts	A 193 B7	A 193 L7	A 193 B16	A 193 B16	A 193 B16	A 193 B8	A 193 B8	A 193 B8	A 193 B8
Nuts	A194 2H	A194 4	A194 4	A194 4	A194 4	A194 8	A194 8	A194 8	A194 8
Cover	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
Disc nut	ANSI 410					ANSI 316			
Hook Screw	Steel								
Set Screw	AISI 410					ANSI 316			
Hinge Pin	See material specification								
Plug	Steel					Stainless Steel			
Seal ring	A276 304					A276 316L			
Nameplate	Stainless Steel or Aluminum					Stainless Steel			