



温州铂品阀门有限公司
WENZHOU BOPIN VALVE CO., LTD.

DUAL PLATE CHECK VALVE

ASME Class 150/300/600/900/1500/2500

Design: API 594

Testing: API 598

End Dimension: ASME B16.5/16.47 (A or B)

Face to Face: API 594 Table 2



BOPIN starts with the selection of suppliers for castings and components, and proceed to each step including machining, assembly, and rigorous testing. We comprehensively control the details to ensure that every check valve meets the high standards expected by our customers, providing them with reliable solutions. We continuously research and improve our manufacturing processes, always keeping our product quality at the forefront of the industry. Providing you with high-end quality check valves is our unchanging goal.

MATERIALS OF MAJOR PARTS

PART NAME	WCB BODY	LCC BODY	CF8M BODY	CD3MN BODY
	API Trim 10 NACE MR0103 & MR0175 Compliant	API Trim 12 NACE MR0103 & MR0175 Compliant	API Trim 10 NACE MR0103 & MR0175 Compliant	F51 Duplex Trim NACE MR0103 & MR0175 Compliant
Body	ASTMA216 WCB + 316SS Seat Overlay	ASTMA352 LCC + Stellite 6 Seat Overlay	ASTMA351 CF8M	ASTMA995 CD3MN
Disc	ASTMA351 CF8M	ASTMA351 CF8M	ASTMA351 CF8M	ASTMA995 CD3MN
Hinge Pin & Pin Stop	ASTMA182 F316	ASTMA182 F316	ASTMA182 F316	ASTMA182 F51
Sleeve	ASTMA182 F316	ASTMA182 F316	ASTMA182 F316	ASTMA182 F51
Spring	Inconel X-750	Inconel X-750	Inconel X-750	Inconel X-750
Pin Lock	ASTMA182 F316	ASTMA182 F316	ASTMA182 F316	ASTMA182 F51
Pin Holder	ASTMA182 F316	ASTMA182 F316	ASTMA182 F316	ASTMA182 F51
Screw	ASTMA193 B8M	ASTM A193 B8M	ASTM A193 B8M	ASTM A193 B8M

API 594 TRIM CHART

API TRIM NUMBER	NOMINAL TRIM	DISC SURFACE	SEATING SURFACE	HINGE PIN
1	F6	13%Cr	13%Cr	410SS
2	304	304SS	304SS	304SS
5	Hardfaced	HF (CoCr-A)	HF (CoCr-A)	410SS
5A	Hardfaced	HF (NiCr)	HF (NiCr)	410SS
8	F6 and Hardfaced	13%Cr	HF (CoCr-A)	410SS
9	Monel®	Monel®	Monel®	Monel®
10	316	316SS	316SS	316SS
12	316 and Hardfaced	316SS	HF (CoCr-A)	316SS
13	Alloy 20	Alloy 20	Alloy 20	Alloy 20
14	Alloy 20 and Hardfaced	Alloy 20	HF (CoCr-A)	Alloy 20
16	Hardfaced	HF (CoCr-A)	HF (CoCr-A)	316SS
AA	Bronze	Bronze	Bronze	Bronze

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