

EPWIN CHECK VALVES - WAFER TYPE

EPWIN WAFER CHECK VALVES

Epwin Wafer Check Valves are now 100% locally manufactured. The Epwin Wafer Check Valve provides a most reliable and effective method to check Back Flow in fluid lines. The compact design provides considerable space saving compared to conventional non-return valves. Wafer Check Valves are easily installed between two flanges. Epwin Wafer Check Valves are designed generally to meet the requirements of API 6 D for the ANSI size range, and DIN 3202 and ISO 5752 for the metric size range, with metal to metal drip tight sealing. The design incorporates a unique torsion spring which ensures quick closing of the clapper at the instant of flow loss, so preventing flow reversal build up and resultant water hammer. Excellent sealing, minimized pressure loss and low opening pressures are features of Epwin Wafer Check Valves which are manufactured under a rigorous Quality Assurance Program. Single door action ensures full flow of media with less working parts and less points of failure, which lengthen the life span of the valve.

SPECIFICATIONS

APPLICATIONS: Water Chemicals

MATERIALS OF CONSTRUCTION (MINIMUM SPECIFICATIONS)

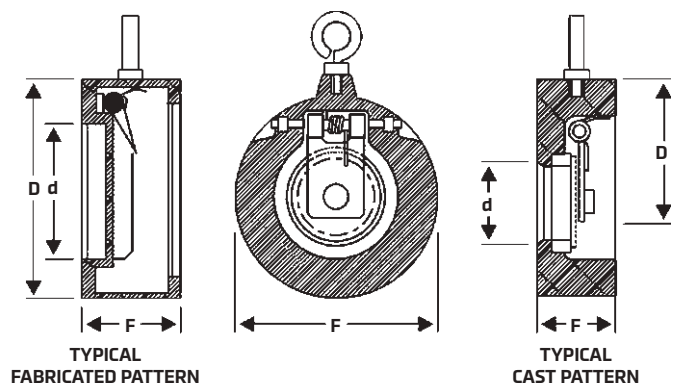
Body: SABS 936-SG42 (S, G, Iron), Stainless Steel 316, Cast Steel, Alloy 20

Clack: Stainless Steel 316, Alloy 20

Spindle: Stainless Steel 316, Alloy 20

Seat: Stainless Steel 316, Alloy 20, Stellite

Soft seal "O"-Ring: Butyl, Nitrile, PTFE, Natural Rubber, Neoprene, EPDM (Ethylene Propylene Terpolymer)



DIMENSIONS

SIZE	ANSI 150			ANSI 300			PN 10			PN 16			PN 40		
D	D	d	F	D	d	F	D	d	F	D	d	F	D	d	F
50	110	38	60	110	38	60				110	38	43	108	38	60
80	148	52	73	148	52	73				148	52	49	143	52	73
100	174	75	73	180	75	73				163	75	56	169	70	64
150	220	120	98	248	120	98				219	120	70	225	110	76
200	278	165	127							274	160	71	292	155	89
250	338	205	146							330	190	76	354	190	114
300	406	240	181							384	230	83	417	225	114