

## SPECIFIERS

### CHECK VALVE CHECK LIST

#### VAL-MATIC® SWING-FLEX® CHECK VALVE VS. TRADITIONAL SWING CHECK

FEATURE	VAL-MATIC® SWING-FLEX®	TRADITIONAL SWING CHECK
Low Head Loss / Non-Slam Closing	Yes	No1
Backflow Capability	Yes	Yes
Rubber Lining Capability	Yes	No
Number of Wear Parts	1	10 - 25
Low Maintenance	Yes	No
Open / Closed (Mechanical) Indication	Yes	Yes
SCADA Compatible	Yes	No
Positive Shut-Off	Yes	No2
Competitively Priced	Yes	Yes
Independent 1,000,000 Cycle Test	Yes	No
Twenty-five year Disc Warranty <sup>3</sup>	Yes	No
Water / Wastewater Service	Yes	Yes
Sludge Service	Yes	Yes
Abrasive Service	Yes	No4
Corrosive Service	Yes <sup>5</sup>	No
Vertical Flow-Up Capability	Yes	No
Meets AWWA C508	Yes	Yes
FBE <sup>6</sup> Coated Interior & Exterior Standard	Yes	No

- 1 By placing sufficient weight on the lever and thereby reducing the stroke, non-slam closure is achievable, however, reducing the stroke places the disc in the flow which results in a substantial increase in head loss.
- 2 Swing-Flex® supplied standard with resilient seating. Swing check supplied standard with metal to metal seating.
- 3 The Val-Matic® warranty and its remedies are available for 25 years, covering the flex portions of the disc.
- 4 Abrasives will cause excessive wear to bronze trim, causing premature failure.
- 5 When specified with optional rubber lining.
- 6 Fusion Bonded Epoxy.

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**VAL-MATIC®** VALVE AND MANUFACTURING CORP.

DRWG. NO.  
**SS-911**