

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	No ¹
Backflow Capability	Yes	Yes
Rubber Lining Capability	Yes	No
Number of Wear Parts	1	10 - 25
Low Maintenance	Yes	No
Open / Closed Indication	Yes	Yes
SCADA Compatible	Yes	No
Positive Shut-Off	Yes	No ²
Competitively Priced	Yes	Yes
Independent 1,000,000 Cycle Test	Yes	No
Twenty-five year Disc Warranty ³	Yes	No
Water / Wastewater Service	Yes	Yes
Sludge Service	Yes	Yes
Abrasive Service	Yes	No ⁴
Corrosive Service	Yes ⁵	No
Vertical Flow-Up Capability	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.

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VAL-MATIC® VALVE AND MANUFACTURING CORP.

DRWG. NO.

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