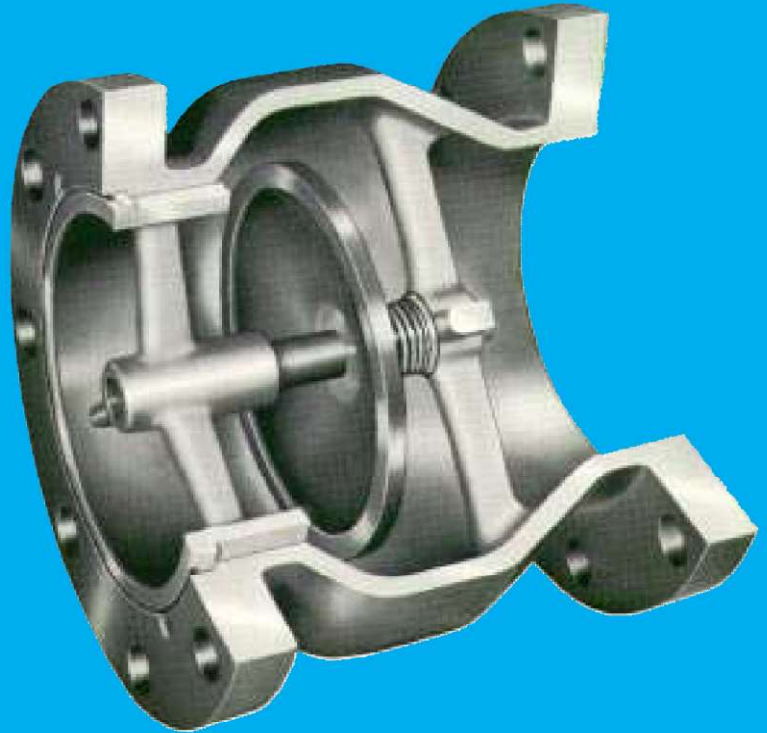


# SHHH... SHHH... SHOCK- PROOF PIPING SYSTEMS

Factory  
Mutual  
System

\*Approved

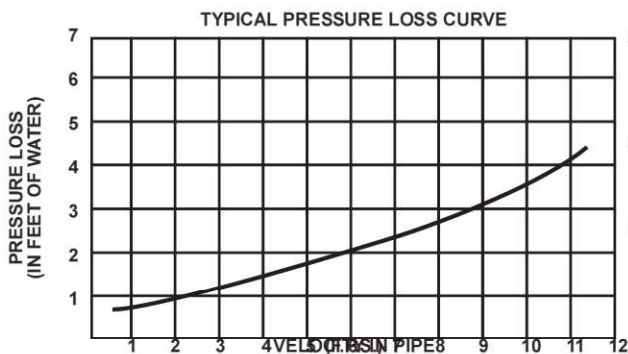


## 1800 SERIES

# with VAL-MATIC® GLOBE STYLE Silent Check Valves

Designed and engineered for Silent operation with Low head loss. Specially designed spring controls the closure of Val-Matic Silent Check Valves . . . closing valve disc in advance of flow reversal, thereby preventing water hammer and damaging shock normally associated with valve shut-off.

Tear-Drop Contour **allows** streamline flow and combined with greater than Pipe Size Area of Inner Body **assures** minimal pressure drop.



NOTE: For specific valve size pressure loss curve . . . see drwg. No. 1404.

### VAL-MATIC SILENT CHECK VALVES ARE ENGINEERED FOR SILENT OPERATION / LOW HEAD LOSS *Plus...*

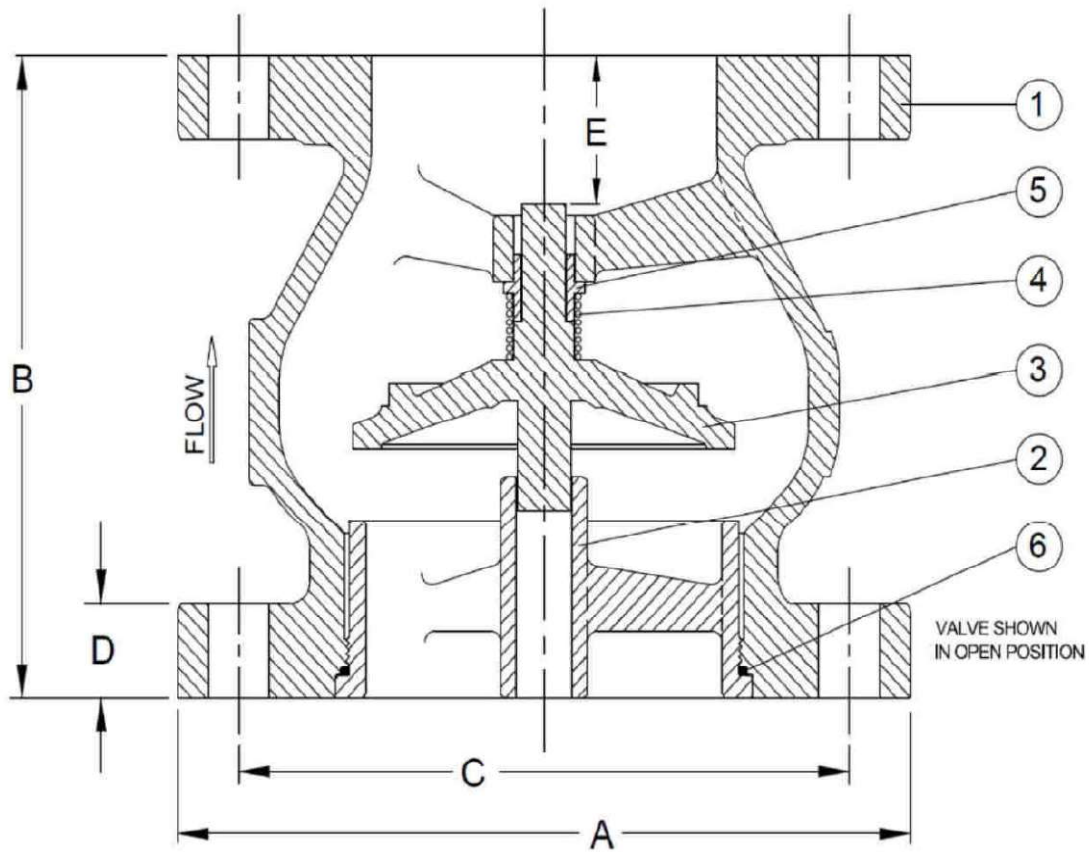
- Double guided disc
- Large bearing surfaces
- Easily Replaceable Parts
- Functions Equally Well in All Positions
- Replaceable bronze bushing
- Drop-tight Seating
- Cast Iron Body / Bronze or Stainless Steel Trim
- Mate-ability . . . Sizes 3" thru 10" valves mate to Wafer style butterfly valves without the use of spool pieces or any other adaptors.

#### NOTE:

1. Val-Matic 1800 Series Globe-Style Silent Check Valves Are Intended for Liquid Service Only. For other service or materials of construction, consult factory.

2. Wafer Style Valves Also Available in 2" through 10" . . . See Val-Matic Bulletin 1400.

# VAL-MATIC



SEE DRAWING NO. VM-1800A-M-AND 3748-M FOR MATERIALS OF CONSTRUCTION

FLANGE: BSEN1092 PN25 DRILL DIMENSIONS (MM)								
VALVE SIZE	MODEL NO.	TRIM	CWP BAR	A	B	C	D	E
65	1825AX003	BR	25	190	140	145	25	25
	1825AX004	SS						
80	1853AX003	BR	25	200	152	160	29	35
	1853AX004	SS						
100	1854AX003	BR	25	235	184	190	32	44
	1854AX004	SS						
150	1856AX003	BR	25	300	248	250	37	64
	1856AX004	SS						
200	1858AX003	BR	25	381	318	310	41	83
	1858AX004	SS						

**GLOBE STYLE SILENT CHECK VALVE**

DATE 6-8-18

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

DRWG. NO.  
**VM-1800**

# GLOBE STYLE SILENT CHECKVALVE

65mm TO 200mm SERIES NO. 1800AX

BSEN 1092 CLASS PN16, PN25

STANDARD MATERIALS OF CONSTRUCTION

<u>PART NO.</u>	<u>PART NAME</u>	<u>MATERIAL</u>
1	BODY	CAST IRON EN 1561 GRADE EN-GJL-250 (INTERIOR/EXTERIOR FUSION BONDED EPOXY)
2	SEAT	BRONZE EN 1982, ALLOY CC491K
3	DISC	BRONZE EN 1982, ALLOY CC491K
4	SPRING	STAINLESS STEEL T316, ASTM A313
5	BUSHING	BRONZE ASTM B505. ALLOY C95400

NOTE: ALL SPECIFICATIONS AS LAST  
REVISED.

MATERIALS OF CONSTRUCTION		4-11-13
 VAL-MATIC <sup>®</sup>	VALVE AND MANUFACTURING CORP.	DRWG.NO. VM-1800A-M