

TILTED DISC® CHECK VALVE

12" - 60" SERIES NO. 9700B ANSI CLASS 250

STANDARD MATERIALS OF CONSTRUCTION

<u>PART NO.</u>	<u>PART NAME</u>	<u>MATERIAL</u>
1	PIVOT BODY HALF	DUCTILE IRON ASTM A536, GRADE 65-45-12
2	SEAT BODY HALF	DUCTILE IRON ASTM A536, GRADE 65-45-12
3	DISC	DUCTILE IRON ASTM A536, GRADE 65-45-12
4	PIVOT PIN	ALUMINUM BRONZE ASTM B505, ALLOY C95500
5	PIVOT PIN BUSHING	ALUMINUM BRONZE ASTM B505, ALLOY C95400
6	BODY GASKET	COMPRESSED NON-ASBESTOS FIBER
7	BODY FLANGE BOLT	ALLOY STEEL SAE, GRADE 5
8	DISC RING	ALUMINUM BRONZE ASTM B271, ALLOY C95500
9	DISC RING GASKET	COMPRESSED NON-ASBESTOS FIBER
10	SEAT RING	ALUMINUM BRONZE ASTM B271, ALLOY C95400
11	SEAT RING GASKET	COMPRESSED NON-ASBESTOS FIBER
12	DISC RING RETAINING SCREW	STAINLESS STEEL T304, ASTM A276
13	INSPECTION HOLE COVER	CAST IRON ASTM A126, CLASS B
14	INSPECTION HOLE COVER BOLT	ALLOY STEEL SAE, GRADE 5
15	INSPECTION HOLE GASKET	COMPRESSED NON-ASBESTOS FIBER
16	PIVOT PIN COVER	CAST IRON ASTM A126, CLASS B
17	PIVOT PIN COVER GASKET	COMPRESSED NON-ASBESTOS FIBER
18	PIVOT PIN COVER BOLT	ALLOY STEEL SAE, GRADE 5
19	INDICATOR PIN	STAINLESS STEEL T304, ASTM A276
20	INDICATOR SHAFT ASSEMBLY	STAINLESS STEEL T304, ASTM A276
22	INDICATOR POINTER	LOW CARBON STEEL
23	GREASE FITTING	STAINLESS STEEL T304, ASTM A276
24	INDICATOR O-RINGS	BUNA-N 70 DUROMETER
25	INDICATOR LOCK WASHER	STAINLESS STEEL T304, ASTM A240
26	INDICATOR JAM NUT	STAINLESS STEEL T304, ASTM F594
27	LOCATING PINS	SPRING STEEL-ZINC PLATED
38	FLOW CONTROL VALVE	BRASS
54	PRESSURE GAUGE	BRASS

Revised 3-22-10

MATERIALS OF CONSTRUCTION

DATE 1/29/88



VALVE AND MANUFACTURING CORP.

DRWG. NO.

VM-9712B-M

SHEET 1 of 2

TILTED DISC® CHECK VALVE
12" - 60" SERIES NO. 9700B ANSI CLASS 250
STANDARD MATERIALS OF CONSTRUCTION

<u>PART NO.</u>	<u>PART NAME</u>	<u>MATERIAL</u>
55	AIR INLET VALVE	STAINLESS STEEL T304, ASTM A276
60	DASHPOT COVER	DUCTILE IRON ASTM A536, GRADE 65-45-12
61	DASHPOT CYLINDER	COMMERCIAL HYDRAULIC CYLINDER
62	DASHPOT SPACER	DUCTILE IRON ASTM A536, GRADE 65-45-12
63	SNUBBER ROD	STAINLESS STEEL T17-4PH
64	SNUBBER ROD BUSHING	ALUMINUM BRONZE ASTM B505, ALLOY C93200
65	SPRING GUIDE	ALUMINUM BRONZE ASTM B505, ALLOY C93200
66	SNUBBER ROD O-RING	BUNA-N 70 DUROMETER
67	BUSHING O-RING	BUNA-N 70 DUROMETER
68	ROD WIPER	MOLYTHANE
69	SNUBBER ROD RETAINING RING	BUNA-N 70 DURO
70	DASHPOT COVER O-RING	BUNA-N 70 DURO
71	PISTON ROD RETURN SPRING	MUSIC WIRE ZINC PLATED
72	SNUBBER ROD LOWER BUSHING	BRONZE ASTM B505, ALLOY C93200
73	SPRING RETAINER	STAINLESS STEEL T304, ASTM A276
74	DASHPOT SPACER MOUNTING SCREW	ALLOY STEEL SAE, GRADE 5
75	PRESSURIZED OIL ACCUMULATOR	CARBON STEEL
78	DASHPOT PIPING	STEEL

NOTE: ALL SPECIFICATIONS AS
LAST REVISED.

Revised 3-22-10

MATERIALS OF CONSTRUCTION

DATE 1/29/88

VAL-MATIC®

VALVE AND MANUFACTURING CORP.

DRWG. NO.

VM-9712B-M
SHEET 2 of 2