

# TILTED DISC<sup>®</sup> CHECK VALVE

12" - 60" SERIES NO. 9700T 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 O-RING	BUNA-N ASTM D2000
7	BODY FLANGE BOLT	ALLOY STEEL SAE, GRADE 5
8	DISC RING	ALUMINUM BRONZE ASTM B271, ALLOY C95500
9	DISC RING O-RING	BUNA-N ASTM D2000
10	SEAT RING	ALUMINUM BRONZE ASTM B271, ALLOY C95400
11	DISC RING RETAINING SCREW	STAINLESS STEEL T304, ASTM A276
12	SEAT RING O-RING	BUNA-N ASTM D2000
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
34A	COUPLING	STAINLESS STEEL T17-4PH, CONDITION H-1150
34B	COUPLING RETAINER	STAINLESS STEEL T304, ASTM A276

Revised 8-4-16

MATERIALS OF CONSTRUCTION

DATE 3/3/87

**VAL-MATIC<sup>®</sup>**

VALVE AND MANUFACTURING CORP.

DRWG. NO.

**VM-9712T-M**

SHEET 1 of 2

**TILTED DISC<sup>®</sup> CHECK VALVE**  
**12" - 60" SERIES NO. 9700T ANSI CLASS 250**  
STANDARD MATERIALS OF CONSTRUCTION

<u>PART NO.</u>	<u>PART NAME</u>	<u>MATERIAL</u>
35	DASHPOT SPACER	CAST IRON ASTM A126, CLASS B
36	DASHPOT CYLINDER	COMMERCIAL HYDRAULIC CYLINDER
37	PRESSURIZED OIL ACCUMULATOR	CARBON STEEL
38	FLOW CONTROL VALVE	DELTROL
39	DASHPOT PIPING	STEEL AND RUBBER HOSE
40	CONNECTING ROD	STAINLESS STEEL T17-4PH, CONDITION H900
41	DASHPOT SPACER BUSHING	ALUMINUM BRONZE ASTM B505, ALLOY C95400
42	CONNECTING ROD O-RING	BUNA-N 70 DUROMETER
43	BUSHING O-RING	BUNA-N 70 DUROMETER
44	BUSHING RETAINER PLATE	CAST IRON ASTM A48, CLASS 30
45	BUSHING RETAINER PLATE SCREW	STAINLESS STEEL T304, ASTM A276
46	LINKAGE	STAINLESS STEEL T304, ASTM A276
47	LINKAGE PIN	STAINLESS STEEL T17-4PH, CONDITION H900
48	LINKAGE PIN RETAINER	STAINLESS STEEL T304, ASTM A276
49	DASHPOT SPACER BOLTS	ALLOY STEEL SAE, GRADE 5
50	NON-PRESSURIZED OIL ACCUMULATOR	STAINLESS STEEL T304, ASTM A240
51	ACCUMULATOR MOUNTING SCREWS	ALLOY STEEL SAE, GRADE 5
52	ROD WIPER	MOLYTHANE
53	BREATHER/FILTER	STEEL ZINC PLATED AND SINTERED BRONZE
54	PRESSURE GAUGE	BRASS
55	AIR INLET VALVE	STAINLESS STEEL T304, ASTM A276
56	OIL FILL PORT	BRASS

NOTE: ALL SPECIFICATIONS AS  
LAST REVISED.

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