

TILTED DISC® CHECK VALVE
12" - 60" SERIES NO. 9600T ANSI CLASS 150
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 |
| 34A | COUPLING | STAINLESS STEEL T17-4PH, CONDITION H-1150 |
| 34B | COUPLING RETAINER | STAINLESS STEEL T304, ASTM A276 |

Revised 3-22-10

MATERIALS OF CONSTRUCTION

DATE 1/6/94



VALVE AND MANUFACTURING CORP.

DRWG. NO.

VM-9612T-M

SHEET 1 of 2

TILTED DISC® CHECK VALVE

12" - 60" SERIES NO. 9600T ANSI CLASS 150

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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