

WORM GEAR ACTUATOR – 3” THRU 12” 5600F/5700F SERIES

MATERIALS OF CONSTRUCTION

| PART NO. | PART NAME | STANDARD MATERIAL | OPTIONAL MATERIAL |
|----------|--------------------------------|--|---------------------------|
| B01 | HOUSING | CAST IRON, ASTM A126, CLASS B | |
| B02 | WORM GEAR | DUCTILE IRON ASTM A536, GRADE 65-45-12 | - |
| B03 | WORM | CARBON STEEL, ASTM A108, GRADE 1045 | |
| B04 | COVER | CAST IRON, ASTM A126, CLASS B | - |
| B05 | INDICATOR (Note 1) | CAST IRON, ASTM A126, CLASS B | |
| B06 | O-RING (Note 1) | BUNA-N | - |
| B07 | ROLLER THRUST BEARING | CARBON STEEL, GRADE 1045 | |
| B08 | BEARING | PERMANENTLY LUBRICATED BRONZE | |
| B09 | SHAFT | CARBON STEEL, GRADE 1045 | |
| B10 | GASKET | COMPRESSED NON-ASBESTOS FIBER | - |
| B11 | HANDWHEEL | CAST IRON | |
| B12 | OPERATING NUT | CAST IRON, ASTM A126, CLASS B | |
| B13 | CHAINWHEEL | CAST IRON | |
| B14 | COVER BOLT | CARBON STEEL | STAINLESS STEEL, TYPE 316 |
| B15 | INDICATOR BOLT (Note 1) | CARBON STEEL | STAINLESS STEEL, TYPE 316 |
| B18 | WORM SPRING PIN | CARBON STEEL | |
| B19 | INPUT SPRING PIN | CARBON STEEL | |
| B20 | STOP ADJUSTMENT BOLT | CARBON STEEL | STAINLESS STEEL, TYPE 316 |
| B21 | STOP JAM NUT | STEEL, ZINC PLATED | STAINLESS STEEL, TYPE 316 |
| B23 | OIL SEAL | STEEL & RUBBER | |
| B26 | WORM GEAR BEARING | PERMANENTLY LUBRICATED BRONZE | |
| P01 | MOUNTING BRACKET | CAST IRON, ASTM A126, CLASS B | |
| P02 | KEY | STEEL | |
| P03 | MTG BRACKET BOLT – TO VALVE | STEEL, ZINC PLATED | STAINLESS STEEL, TYPE 316 |
| P03A | WASHER (Note 2) | STEEL, ZINC PLATED | STAINLESS STEEL, TYPE 316 |
| P04 | MTG BRACKET BOLT – TO ACTUATOR | STEEL, ZINC PLATED | STAINLESS STEEL, TYPE 316 |
| P04A | WASHER (Note 2) | STEEL, ZINC PLATED | STAINLESS STEEL, TYPE 316 |

Notes:

1. NOT INCLUDED FOR BURIED SERVICE
2. WASHER INCLUDED WHEN EXTERNAL EPOXY OR FUSION BONDED EPOXY COATINGS ARE SPECIFIED

MATERIALS OF CONSTRUCTION

DATE: 5/13/2024



VALVE AND MANUFACTURING CORP.

DRWG. NO.

VM-PV-1A00-M