**TECHNICAL SERVICE PARTS**

**STYLE 8940**

**PRODUCT 4” S/O VALVE**

**ASSEMBLY NOTES:**

1. USE PARKER O-LUBE ON ALL O-RINGS AND MATING SURFACES UNLESS OTHERWISE NOTED.
2. USE PERMABOND LM113 OR LOCTITE 222.
3. USE LOW-TEMP LUBRIPASTE.
4. CLEAN HANDWHEEL HUB FACE WITH ISOPROPYL ALCOHOL PRIOR TO ATTACHING ITEM 25 TAG.
5. HANDWHEEL TURNS COUNTER CLOCKWISE TO OPEN AND CLOCKWISE TO CLOSE. REQUIRES 15 TURNS TO FULLY OPEN OR CLOSE.
6. SECTOR GEAR SHOWN WITH VALVE OPEN. (POSITION A)
7. TIGHTEN TO 5-7 IN-LBS.
8. O-RING LOCATION REQUIRES NO RELATIONSHIP TO INLET/OUTLET.

**DETAIL B SCALE 1.000**

**REMOTE ACTUATOR**

1. REMOTE ACTUATOR
2. AIR ACTUATOR

**USE PERMABOND LM113 OR LOCTITE 222.**

**USE LOW-TEMP LUBRIPASTE.**

**CLEAN HANDWHEEL HUB FACE WITH ISOPROPYL ALCOHOL PRIOR TO ATTACHING ITEM 25 TAG.**

**HANDWHEEL TURNS COUNTER CLOCKWISE TO OPEN AND CLOCKWISE TO CLOSE. REQUIRES 15 TURNS TO FULLY OPEN OR CLOSE.**

**SECTOR GEAR SHOWN WITH VALVE OPEN. (POSITION A)**

**TIGHTEN TO 5-7 IN-LBS.**

**O-RING LOCATION REQUIRES NO RELATIONSHIP TO INLET/OUTLET.**

**LENGTH TO BE DETERMINED AND SUPPLIED BY CUSTOMER**

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### Parts List Sheet:

**STYLE 8940**

**PRODUCT 4" S/O VALVE**

**TECHNICAL SERVICE PARTS**

**Find** | **Description** | **Item** | **QTY**
---|---|---|---
1 D | HANDWHEEL | - | 1
2 D | PIN ROLL 3/16" x 1-1/2" | - | 1
3 | SHAFT HANDWHEEL - STANDARD | 769348 | 1
3 | SHAFT HANDWHEEL - DUAL CONTROL | 769622 | 1
4 | WORM GEAR | 784190 | 1
5 | PIN ROLL 3/16" x 3/4" | 744068 | 1
6 | NUT HEX 1/4-20 | 734061 | 2
7 | SCREW SOCKET HEAD OVAL POINT SET 1/4-20 x 1-1/4" | 765136 | 2
8 | COVER GEAR ACTUATOR | 707195 | 1
9 | NUT HEX JAM 5/8-11 | 734059 | 1
10 | WASHER FLAT 5/8 | 784083 | 1
11 | GEAR SECTOR | 109048 | 1
13 | TRUNNION SHAFT | 773237 | 1
13 | TRUNNION SHAFT (AIR ACTUATOR ONLY) | 106706 | 1
14 A | O-RING 2-222 | - | 1
15 | SCREW SOCKET HEAD CAP #10-24 x 1/2" | 763038 | 4
17 | FITTING GREASE 1/4-28 | 713034 | 3
18 | ACTUATOR HOUSING | 106616 | 1
18 | ACTUATOR HOUSING (AIR ACTUATOR ONLY) | 107244 | 1
19 C | SCREW OVAL HEAD SLOTTED MACHINE 1/4-20 x 1" | 763063 | 4
20 A,B | PIN ROLL 3/16" x 1" | - | 4
21 C | PLATE BACK-UP | - | 1
22 C | SHAFT HANDWHEEL | - | 1
23 C | BRACKET HANDWHEEL | - | 1
24 B,C | JOINT UNIVERSAL | - | 2
25 D | LABEL OPEN | - | 1
50 A | BODY VALVE 4" | 106617 | 1
51 A | SEAT 4" VALVE | - | 2
52 | RING SEAT | 106613 | 2
53 | TRUNNION Threaded | 773180 | 1
54 A | O-RING 2-114 | - | 1
55 | SCREW HEX HEAD CAP 5/16-18 x 7/8" | 763028 | 4
56 | SCREW HEX HEAD CAP 1/2-13 x 1-1/2" | 765140 | 8
57 A | BALL 4" CELCON | - | 1
58 * | ADAPTER | - | 2

### Additional Information

- **WARRANTY AND DISCLAIMER**: We warrant Akron Brass products for a period of five (5) years after purchase against defects in materials or workmanship. Akron Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service. We do not warrant for: wear and tear; any improper installation, use, maintenance or storage; negligence of the owner or user; repair or modification after delivery; failure to follow our instructions or recommendations or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause. *Unless otherwise provided herein, Akron Brass industrial electronic components & the Severe-Duty Monitor have a one (1) year warranty. Select Akron Brass handline nozzles and valves carry a ten (10) year warranty. Scene Star Lights carry a (6) year warranty. Weldon products have a two (2) year warranty from date of manufacture (excluding consumable components). Select Weldon LED products carry a five (5) year warranty. Honda products have the manufacturers’ warranty and Akron Brass disclaims any warranty in respect of those products.*

- **Parts List Sheet**: 109996

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