1. **Assembly Notes:**
   - Use PARKER O-LUBE on all O-rings and mating surfaces unless otherwise noted.
   - 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.

2. **Technological Details:**
   - **Remote Actuator C**
   - **Remote Actuator**
   - **Remote Actuator**
   - **30° MAX**

3. **Parts List Sheet:**
   - **Style 8940**
   - **Product 4" S/O Valve**

4. **Technical Service Parts:**
   - **Scale 1.000**

5. **Diagram Notes:**
   - **4X**
   - **5X**
   - **6X**
   - **7X**
   - **8X**
   - **9X**
   - **10X**
   - **11X**
   - **12X**
   - **13X**
   - **14X**
   - **15X**

6. **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. No person has authority to change this warranty. *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.*
## TECHNICAL SERVICE PARTS

**STYLE 8940**

**PRODUCT 4" S/O VALVE**

### Find | Description | Item | QTY
--- | --- | --- | ---
1 | D | HANDWHEEL | 1 |
2 | D | PIN ROLL 3/16" x 1-1/2" | 1 |
3 | 3 | SHAFT HANDWHEEL - STANDARD | 769348 |
4 | 4 | WORM GEAR | 784190 |
5 | 5 | PIN ROLL 3/16" x 3/4" | 744068 |
6 | 6 | NUT HEX 1/4-20 | 734061 |
7 | 7 | SCREW SOCKET HEAD OVAL POINT SET 1/4-20 x 1-1/4" | 765136 |
8 | 8 | COVER GEAR ACTUATOR | 707195 |
9 | 9 | NUT HEX JAM 5/8-11 | 734059 |
10 | 10 | WASHER FLAT 5/8 | 784083 |
11 | 11 | GEAR SECTOR | 190048 |
12 | 12 | TRUNNION SHAFT | 773237 |
13 | A | O-RING 2-222 | 1 |
14 | 15 | SCREW SOCKET HEAD CAP #10-24 x 1/2" | 763038 |
15 | 16 | FITTING GREASE 1/4-28 | 713034 |
16 | 17 | ACTUATOR HOUSING | 106616 |
17 | 18 | SCREW OVAL HEAD SLOTTED MACHINE 1/4-20 x 1" | 763063 |
18 | A,B | PIN ROLL 3/16" x 1" | 4 |
19 | C | PLATE BACK-UP | 1 |
20 | C | SHAFT HANDWHEEL | 1 |
21 | 23 | BRACKET HANDWHEEL | 1 |
22 | B,C | JOINT UNIVERSAL | 2 |
23 | D | LABEL OPEN | 1 |
24 | 50 | BODY VALVE 4" | 106617 |
25 | A | SEAT 4" VALVE | 2 |
26 | 52 | RING SEAT | 106613 |
27 | 53 | TRUNNION THREADED | 773180 |
28 | A | O-RING 2-114 | 1 |
29 | 55 | SCREW HEX HEAD CAP 5/16-18 x 7/8" | 763028 |
30 | 56 | SCREW HEX HEAD CAP 1/2-13 x 1-1/2" | 765140 |
31 | A | BALL 4" CELCON | 1 |
32 | 58 | ADAPTER | 2 |

### Find | Description | Item | QTY
--- | --- | --- | ---
64 | A | O-RING 2-010 | 1 |
65 | 704031 |
66 | 765008 |
67 | 703453 |
68 | 784111 |
69 | 784115 |
70 | 703466 |
72 | 729559 |

*ADAPTER* | **PARTS LIST SHEET:** 109996

PHONE: 330.264.5678 or 800.228.1161 | FAX: 330.264.2944 or 800.531.7335 | www.akronbrass.com

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