



# Sanitary Proportional Controlled Valve with Positioner SPC-1

## Actuator

Pos.	Qty.	Description	1.5-inch Part No.	2-inch Part No.	2.5-inch Part No.	3-inch Part No.	4-inch Part No.
	1	Actuator complete, NO .....	31353-1154-1	31353-1154-1	31353-1154-1	31353-1154-4	31353-1154-4
	1	Actuator complete, NC .....	31353-1154-2	31353-1154-2	31353-1154-2	31353-1154-3	31353-1154-3
1	1	Valve positioner, NO .....	881169-94	881169-94	881169-94	881169-94	881169-94
1	1	Valve positioner, NC .....	881170-18	881170-18	881170-18	881170-18	881170-18
2	1	Air fitting, NC .....	881168-43	881168-43	881168-43	881168-43	881168-43
3	2	Air fitting, NO/NC .....	881-16878	881-16878	881-16878	881-16878	881-16878
4	1	Spring support .....	31353-1145-1	31353-1145-1	31353-1145-1	31353-1145-1	31353-1145-1
5Δ	1	O-ring .....	9611-99-0038	9611-99-0038	9611-99-0038	9611-99-0038	9611-99-0038
6Δ	2	O-ring .....	223406-25	223406-25	223406-25	223406-49	223406-49
7	1	Cylinder .....	31353-1148-1	31353-1148-1	31353-1148-1	31353-1148-2	31353-1148-2
8Δ	1	O-ring .....	223401-74	223401-74	223401-74	223401-75	223401-75
9	1	Piston .....	31353-0621-1	31353-0621-1	31353-0621-1	31353-0619-1	31353-0619-1
10Δ	1	Lock wire .....	31353-0151-1	31353-0151-1	31353-0151-1	31353-0189-1	31353-0189-1
11Δ	1	Clip complete .....	31353-0793-1	31353-0793-1	31353-0793-1	31353-0793-2	31353-0793-2
12	1	Spring assembly .....	31353-0625-1	31353-0625-1	31353-0625-1	31353-0622-1	31353-0622-1
13Δ	1	O-ring .....	223406-67	223406-67	223406-67	223406-17	223406-17
14	1	Bonnet .....	31353-0133-1	31353-0133-1	31353-0133-1	31353-0190-1	31353-0190-1
16	1	Air fitting, NC .....	8812494-20	8812494-20	8812494-20	8812494-20	8812494-20
Δ	1	<b>Service kit for actuator .....</b>	<b>9611-92-0300</b>	<b>9611-92-0300</b>	<b>9611-92-0300</b>	<b>9611-92-0319</b>	<b>9611-92-0319</b>

Parts marked with Δ are included in the actuator service kit.

## Valve Parts

Pos.	Qty.	Description	1.5-inch Part No.	2-inch Part No.	2.5-inch Part No.	3-inch Part No.	4-inch Part No.
<b>Stem Seal</b>							
17♦	1	Lip seal, EPDM (standard) .....	31353-0155-1	31353-0155-1	31353-0155-1	31353-0188-1	31353-0188-1
	1	Lip seal, NBR .....	31353-0155-4	31353-0155-4	31353-0155-4	31353-0188-2	31353-0188-2
	1	Lip seal, FPM .....	31353-0155-3	31353-0155-3	31353-0155-3	31353-0188-3	31353-0188-3
<b>Valve Plug</b>							
18	1	Plug complete, EPDM (standard) .....	31353-0520-1	31353-0521-1	31353-0522-1	31353-0523-1	31353-0524-1
	1	Plug complete, NBR .....	31353-0520-2	31353-0521-2	31353-0522-2	31353-0523-2	31353-0524-2
	1	Plug complete, FPM .....	31353-0520-3	31353-0521-3	31353-0522-3	31353-0523-3	31353-0524-3
a	1	Stem .....	31353-0340-1	31353-0377-1	31353-0378-1	31353-0341-1	31353-0379-1
b♦	1	Seal, EPDM (standard) .....	31353-0320-1	31353-0321-1	31353-0322-1	31353-0324-1	31353-0325-1
	1	Seal, NBR .....	31353-0320-2	31353-0321-2	31353-0322-2	31353-0324-2	31353-0325-2
	1	Seal, FPM .....	31353-0320-3	31353-0321-3	31353-0322-3	31353-0324-3	31353-0325-3
	1	Packing, PTFE .....	31353-1211-1	31353-1212-1	31353-1213-1	31353-1214-1	31353-1215-1
c	1	Plug head .....	31353-0515-1	31353-0516-1	31353-0517-1	31353-0518-1	31353-0519-1
d♦	1	O-ring, EPDM (standard) .....	990034-01	990034-01	990034-01	990034-01	990034-01
	1	O-ring, NBR .....	223404-21	223404-21	223404-21	223404-21	223404-21
	1	O-ring, FPM .....	223404-35	223404-35	223404-35	223404-35	223404-35
	1	Seal-ring, PTFE .....	9612-4330-01	9612-4330-01	9612-4330-01	9612-4330-01	9612-4330-01
e	1	Screw .....	31353-0514-1	31353-0514-1	31353-0514-1	31353-0514-1	31353-0514-1
<b>Clamp</b>							
19	1	Heavy duty clamp .....	96120-1120-4	96120-1120-4	96120-1120-4	96120-1120-5	96120-1120-5
<b>Valve body (polished)</b>							
20	1	Valve body, weld .....	31353-1100-1	31353-1101-1	31353-1102-1	31353-1103-1	31353-1104-1
	1	Valve body, GC .....	31353-103010	31353-1030-2	31353-1030-3	31353-1030-4	31353-1030-5
♦	1	<b>Service kit for valve, EPDM .....</b>	<b>9611-92-0010</b>	<b>9611-92-0013</b>	<b>9611-92-0016</b>	<b>9611-92-0019</b>	<b>9611-92-0022</b>
♦	1	<b>Service kit for valve, NBR .....</b>	<b>9611-92-0011</b>	<b>9611-92-0014</b>	<b>9611-92-0017</b>	<b>9611-92-0020</b>	<b>9611-92-0023</b>
♦	1	<b>Service kit for valve, FPM .....</b>	<b>9611-92-0012</b>	<b>9611-92-0015</b>	<b>9611-92-0018</b>	<b>9611-92-0021</b>	<b>9611-92-0024</b>

Parts marked with ♦ are included in the valve service kits.

## **Recommended Spare Parts: Service kit**

Central States Industrial  
2700 Partnership Boulevard  
Springfield, MO 65803  
800.654.5635  
<http://www.csidesigns.com>

Valve Parts (continued)

Pos.	Qty.	Description	1.5-inch Part No.	2-inch Part No.	2.5-inch Part No.	3-inch Part No.	4-inch Part No.
<b>Alternative for 1.5" plug</b>							
18c	1	Plug head, Kv 14 .....	31353-0532-1	N/A	N/A	N/A	N/A
18e	1	Screw, Kv 14 .....	31353-0514-2	N/A	N/A	N/A	N/A

Alternative for Stem Seal

Pos.	Qty.	Description	1.5-inch Part No.	2-inch Part No.	2.5-inch Part No.	3-inch Part No.	4-inch Part No.
<b>Stem Seal</b>							
17	1	Lip seal kit, EPDM (standard) .....	9611-92-0078	9611-92-0078	9611-92-0078	9611-92-0142	9611-92-0142
	1	Lip seal kit, NBR .....	9611-92-0079	9611-92-0079	9611-92-0079	9611-92-0143	9611-92-0143
	1	Lip seal kit, FPM .....	9611-92-0080	9611-92-0080	9611-92-0080	9611-92-0144	9611-92-0144
a	• 1	Lip seal, EPDM (standard) .....	9612-2806-01	9612-2806-01	9612-2806-01	9612-3088-01	9612-3088-01
	1	Lip seal, NBR .....	9612-2806-02	9612-2806-02	9612-2806-02	9612-3088-02	9612-3088-02
	1	Lip seal, FPM .....	9612-2806-03	9612-2806-03	9612-2806-03	9612-3088-03	9612-3088-03
b	1	Plate .....	9612-2805-01	9612-2805-01	9612-2805-01	9612-3087-01	9612-3087-01
c	• 1	Seal ring, EPDM (standard) .....	31353-0128-1	31353-0128-1	31353-0128-1	31353-0205-1	31353-0205-1
	1	Seal ring, NBR .....	31353-0128-2	31353-0128-2	31353-0128-2	31353-0205-2	31353-0205-2
	1	Seal ring, FPM .....	31353-0128-3	31353-0128-3	31353-0128-3	31353-0205-3	31353-0205-3

**FEP Seal**

17d	1	Washer .....	31353-0452-1	31353-0452-1	31353-0452-1	31353-0452-2	31353-0452-2
e	• 1	O-ring FEP/Silicone .....	9611-99-2909	9611-99-2909	9611-99-2909	9611-99-2910	9611-99-2910
f	1	Holder .....	31353-0453-1	31353-0453-1	31353-0453-1	31353-0454-1	31353-0454-1
g	• 1	Valve body packing .....	31353-0451-1	31353-0451-1	31353-0451-1	31353-0451-2	31353-0451-2
•	1	Service kit for alternative stem seal, EPDM	9611-92-0471	9611-92-0475	9611-92-0479	9611-92-0483	9611-92-0491
•	1	Service kit for alternative stem seal, NBR ...	9611-92-0472	9611-92-0476	9611-92-0480	9611-92-0484	9611-92-0492
•	1	Service kit for alternative stem seal, FPM ...	9611-92-0473	9611-92-0477	9611-92-0481	9611-92-0485	9611-92-0493
•	1	Service kit for alternative stem seal, FEP ....	9611-92-0474	9611-92-0478	9611-92-0482	9611-92-0486	9611-92-0494

Parts marked with • are included in the alternative stem seal service kit.

**Valve Body Combinations:**

Type 7



Type 9



**Recommended Spare Parts: Service kit**

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8201 104th Street  
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