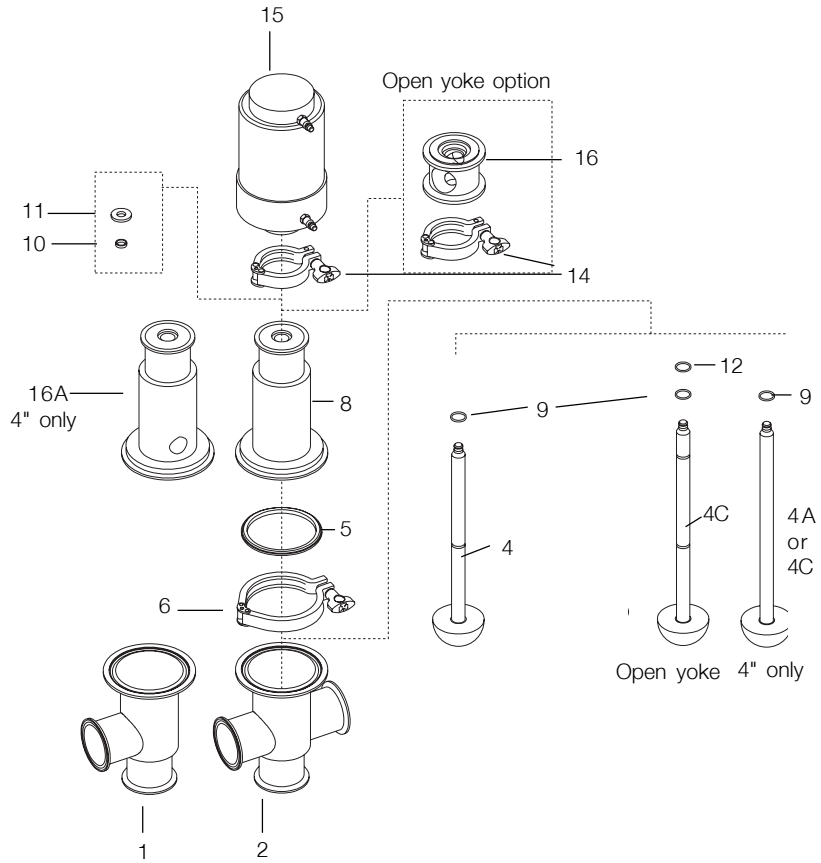


# 161 & 161OY Shut Off Valves

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

2



Pos.	Qty.	Denomination	1"	1 1/2"	2"	2 1/2"	3"	4"
1	1	Lower body model 10 .....	770405	771323	771423	771443	771463	770300
2	1	Lower body model 30 .....	772525	771447	772808	771176	n/a	770965
4A	1	Valve plug BUNA .....	772017	776834	776807	776863	770292	772622
4A	1	Valve plug EPDM .....	n/a	n/a	770964	771764	770613	770591
4A	1	Valve plug SFY .....	n/a	771977	772042	771902	772036	772623
4C	1	161OY valve plug BUNA .....	n/a	771888	772143	773146	770925	771634
5	●○	Body gasket BUNA .....	755415	755415	755416	755417	755418	755421
5	●○	Body gasket EPDM .....	750157	750157	750062	751799	750811	750686
5	●○	Body gasket SFY .....	750667	750667	750497	750209	750609	750738
6	1	Body clamp .....	212205	212205	212206	212207	212208	212209
8	1	Bonnet 10 & 30 .....	753954	753954	753956	753730	750159	750290
9	●	Stem O-ring BUNA .....	755351	755351	755351	755357	755357	300543
9	●	Stem O-ring EPDM .....	750036	750036	750036	750037	750037	300016
9	●	Stem O-ring SFY .....	750172	750172	750172	750173	750173	300061
10	●○	Bonnet O-ring BUNA .....	755357	755357	755357	755370	755370	755370
10	●○	Bonnet O-ring EPDM .....	750037	750037	750037	750132	750132	750132
10	●○	Bonnet O-ring SFY .....	750173	750173	750173	750077	750077	750077
11	1	Ss washer .....	754781	754781	754781	754776	754776	754776
12	○	Stem O-ring BUNA .....	755388	755388	755388	755542	755542	x
12	○	Stem O-ring EPDM .....	750004	750004	750004	750728	750728	x
12	○	Stem O-ring SFY .....	750084	750084	750084	751715	751715	x
14	1	Actuator clamp .....	212196	212196	212196	212196	212196	212196
15	1	See actuator section .....						
16	1	Open yoke .....	751698	751698	751698	N/A	N/A	x
16A	1	OY bonnet .....	x	x	x	x	x	N/A

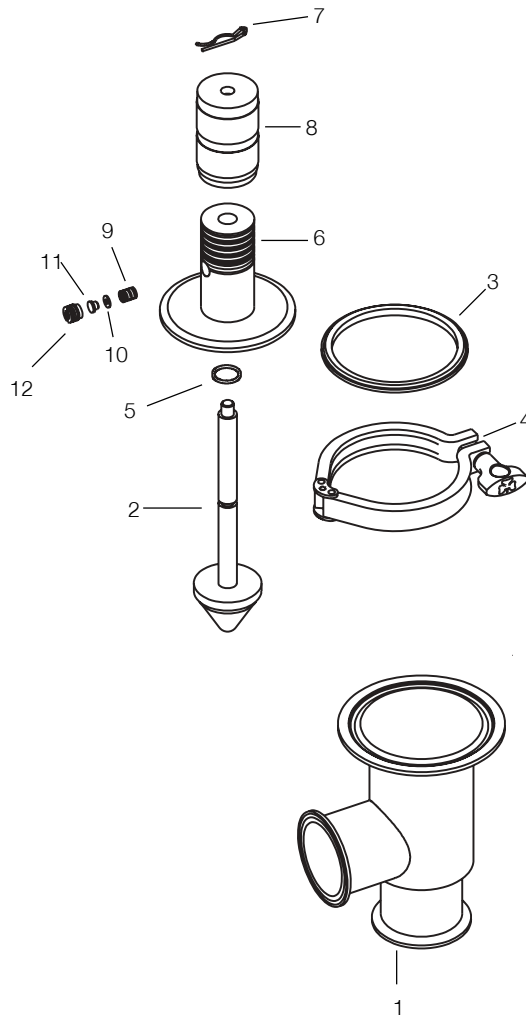
- included in 161 Service Kit
- included in 161OY Service Kits

	1"	1 1/2"	2"	2 1/2"	3"	4"
● Buna .....	9613990184	9613990184	9613990187	9613990190	9613990193	9613990196
● EPDM .....	9613990185	9613990185	9613990188	9613990191	9613990194	9613990197
● SFY .....	9613990186	9613990186	9613990189	9613990192	9613990195	9613990198
○ Buna .....	9613990199	9613990199	9613990202	9613990205	9613990208	9613990211
○ EPDM .....	9613990200	9613990200	9613990203	9613990206	9613990209	9613990212
○ SFY .....	9613990201	9613990201	9613990204	9613990207	9613990210	9613990213

# 171-10M-90 Micrometer Valve

Central States Industrial  
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# 171-10M-90 Micrometer Valve

Pos.	Qty.	Denomination	1"	1½"	2"	2½"	3"
1	1	Body .....	770405	771323	771423	771443	771463
2	1	Valve stem .....	771749	770051	770052	770104	771982
3	● 1	Body gasket BUNA .....	755415	755415	755416	755417	755418
3	● 1	Body gasket EPDM .....	750157	750157	750062	751799	750811
3	● 1	Body gasket SFY .....	750667	750667	750497	750209	750609
4	1	Clamp .....	212205	212205	212206	212207	212208
5	● 1	O-ring BUNA .....	755351	755351	755351	755357	755357
5	● 1	O-ring EPDM .....	750036	750036	750036	750037	750037
5	● 1	O-ring SFY .....	750172	750172	750172	750173	750173
6	1	Bonnet .....	750012	750012	750014	750700	750953
7	● 1	Clip .....	628530	628530	628530	628531	628531
8	1	Knurled handle .....	750331	750331	750331	750332	750332
9	1	Spring .....	750786	750786	750786	750786	750786
10	1	Washer .....	754860	754860	754860	754860	754860
11	● 1*	Friction button .....	758771	758771	758771	758771	758771
12	1	Threaded bushing .....	764757	764757	764757	764757	764757

● included in Service Kit

1"                      1½"                      2"                      2½"                      3"

- Buna ..... 9613990121 9613990121 9613990124 9613990127 9613990130
- EPDM ..... 9613990122 9613990122 9613990125 9613990128 9613990131
- SFY ..... 9613990123 9613990123 9613990123 9613990128 9613990132

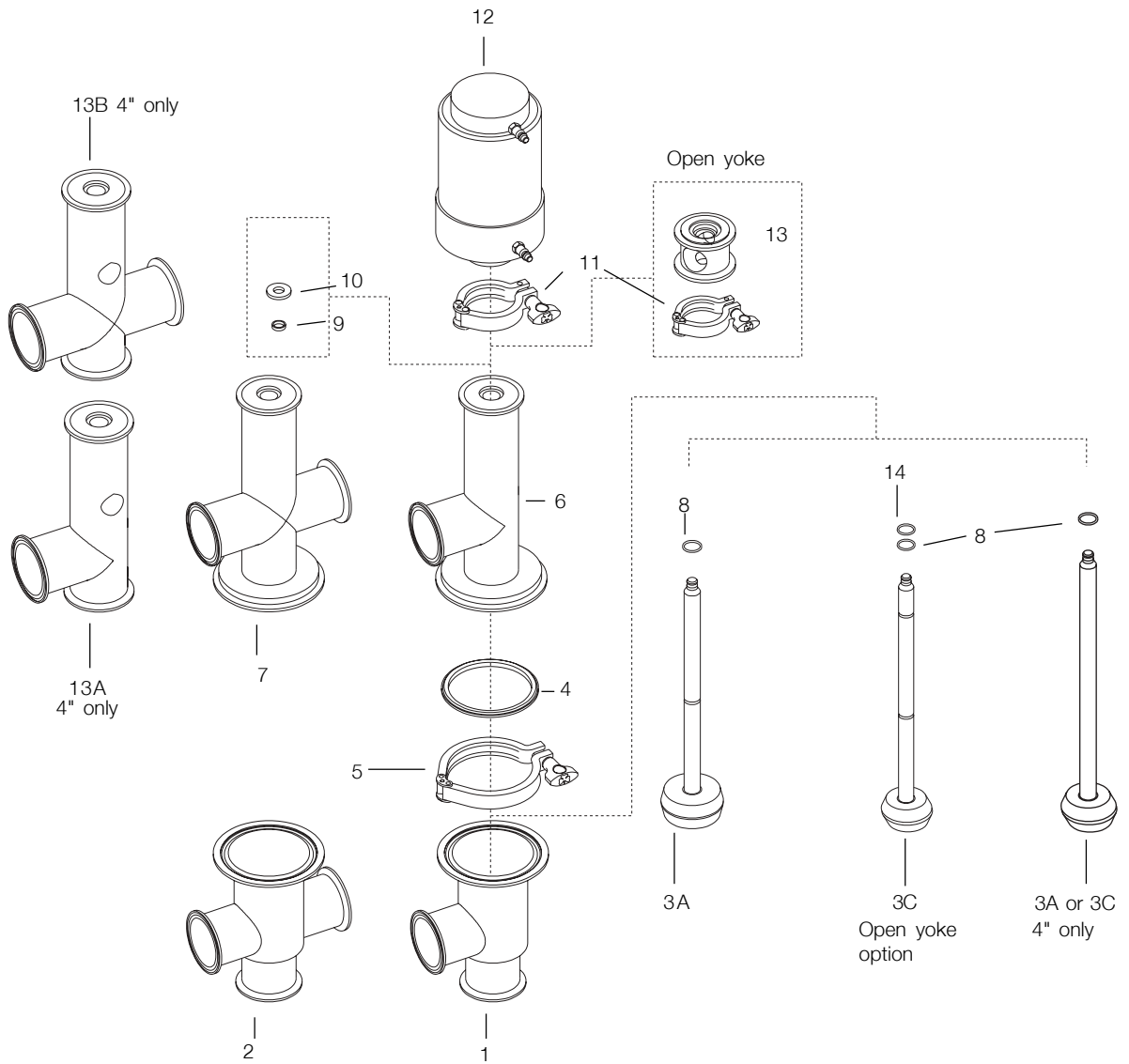
\*Quantity required for 1", 1½" & 2" is 2 pieces.

\*Quantity required for 2½" and 3" is 3 pieces.

# 161 & 161OY Divert Valves

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# 161 & 161OY Divert Valves

Pos.	Qty.	Denomination	1½"	2"	2½"	3"	4"
1	1	Lower body models 21 & 41 .....	771323	771423	771443	771463	770300
2	1	Lower body models 23 & 43 .....	771447	772808	771176	n/a	770965
3A	1	Valve plug BUNA .....	770810	776823	770511	770520	770100
3A	1	Valve plug EPDM .....	772678	772410	770413	770555	770580
3A	1	Valve plug SFY .....	772240	772240	772333	770574	770576
3C	1	OY valve plug BUNA .....	773090	773081	771872	771653	770100
4	●○ 1	Body gasket BUNA .....	755415	755416	755417	755418	755421
4	●○ 1	Body gasket EPDM .....	750157	750062	751799	750811	750686
4	●○ 1	Body gasket SFY .....	750667	750497	750209	750609	750738
5	1	Body clamp .....	212205	212206	212207	212208	212209
6	1	Upper body models 21 & 23 .....	N/A	N/A	N/A	N/A	N/A
7	1	Upper body models 41 & 43 .....	N/A	N/A	N/A	N/A	N/A
8	● 1	Stem O-ring BUNA .....	755351	755351	755357	755357	300543
8	● 1	Stem O-ring EPDM .....	750036	750036	750037	750037	300016
8	● 1	Stem O-ring SFY .....	750172	750172	750173	750173	300061
9	●○ 1	Bonnet O-ring BUNA .....	755357	755357	755370	755370	755370
9	●○ 1	Bonnet O-ring EPDM .....	750037	750037	750132	750132	750132
9	●○ 1	Bonnet O-ring SFY .....	750173	750173	750077	750077	750077
10	1	Ss washer .....	754781	754781	754776	754776	754776
11	1	Actuator clamp .....	212196	212196	212196	212196	212196
12		See actuator section .....					
13	1	Open yoke.....	751698	751698	N/A	N/A	x
13A	1	Open yoke body models 21 & 23 .....	x	x	x	x	N/A
13B	1	Open yoke body models 41 & 43 .....	x	x	x	x	N/A
14	○ 1	Stem O-ring BUNA .....	755388	755388	755542	755542	x
14	○ 1	Stem O-ring EPDM .....	750004	750004	750728	750728	x
14	○ 1	Stem O-ring SFY .....	750084	750084	751715	751715	x

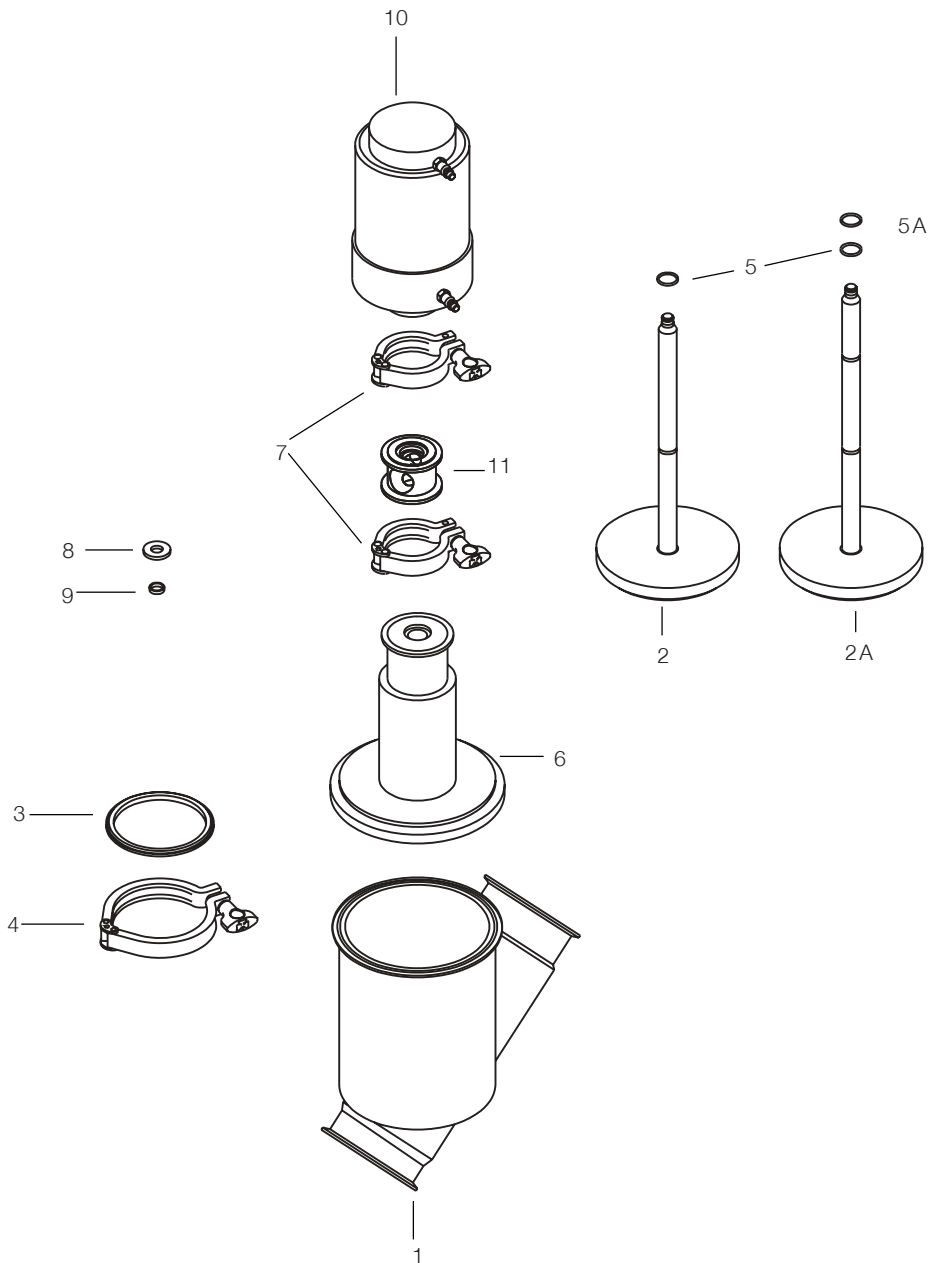
- included in 161 Service Kit
- included in 161OY Service Kits

	1½"	2"	2½"	3"	4"
● Buna .....	9613990184	9613990187	9613990190	9613990193	9613990196
● EPDM .....	9613990185	9913990188	9613990191	9613990194	9613990197
● SFY .....	9613990186	9613990189	9613990192	9613990195	9613990198
○ Buna.....	9613990199	9613990202	9613990205	9613990208	9613990211
○ EPDM .....	9613990200	9613990203	9613990206	9613990209	9613990212
○ SFY .....	9613990201	9612990204	9613990207	9613990210	9613990213

# 161& 161OY-90 Body Shut Off Valve

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# 161 & 161OY-90 Body Shut Off Valve

Pos.	Denomination	1"	1½"	2"	2½"	3"	4"
1	Valve, "Y" Body .....	621066	622268	623368	620754	625854	620235
2	Valve, plug assembly BUNA .....	770333	770515	770472	772074	778257	770712
2	Valve, plug assembly EPDM .....	N/A	771354	N/A	N/A	N/A	N/A
2	Valve, plug assembly SFY .....	N/A	770829	772447	772927	772051	772106
2A	OY Valve, plug assembly BUNA .....	N/A	770592	771812	770031	773117	773167
2A	OY Valve, plug assembly EPDM .....	N/A	N/A	770129	N/A	N/A	N/A
2A	OY Valve, plug assembly SFY .....	N/A	N/A	770153	770926	770054	N/A
3	●○ Body, gasket BUNA .....	299317	298454	298455	298456	298360	299320
3	●○ Body, gasket EPDM .....	N/A	290048	290036	290018	290037	290315
3	●○ Body, gasket SFY .....	290015	290040	290049	290053	9634049347	290225
4	Body, clamp .....	N/A	212206	212207	755345	755114	270085
5	● O-ring, valve plug stem BUNA .....	755351	755351	755351	755357	755357	755357
5	● O-ring, valve plug stem EPDM .....	750036	750036	750036	750037	750037	750037
5	● O-ring, valve plug stem SFY .....	750172	750172	750172	750173	750173	750173
5A	○ OY O-ring, valve plug stem BUNA .....	755388	755388	755388	755542	755542	755542
5A	○ OY O-ring, valve plug stem EPDM .....	750004	750004	750004	750728	750728	750728
5A	○ OY O-ring, valve plug stem SFY .....	750084	750084	750084	751715	751715	751715
6	Valve, bonnet .....	N/A	N/A	754244	750761	753782	N/A
7	Actuator clamp .....	212196	212196	212196	212196	212196	212196
8	Stainless steel washer .....	754781	754781	754781	754776	754776	754776
9	●○ O-ring, valve bonnet BUNA .....	755357	755357	755357	755370	755370	755370
9	●○ O-ring, valve bonnet EPDM .....	755037	755037	755037	750132	750132	750132
9	●○ O-ring, valve bonnet SFY .....	750173	750173	750173	750077	750077	750077
10	Actuator-Type 10 .....	N/A	751170	751185	751186	751187	On Application
10	Actuator-Type 20 .....	751196	751168	751189	N/A	N/A	N/A
10	Actuator-Type 30 .....	N/A	759348	751274	N/A	751130	751191
11	Yoke OY .....	751698	751698	751698	N/A	N/A	N/A

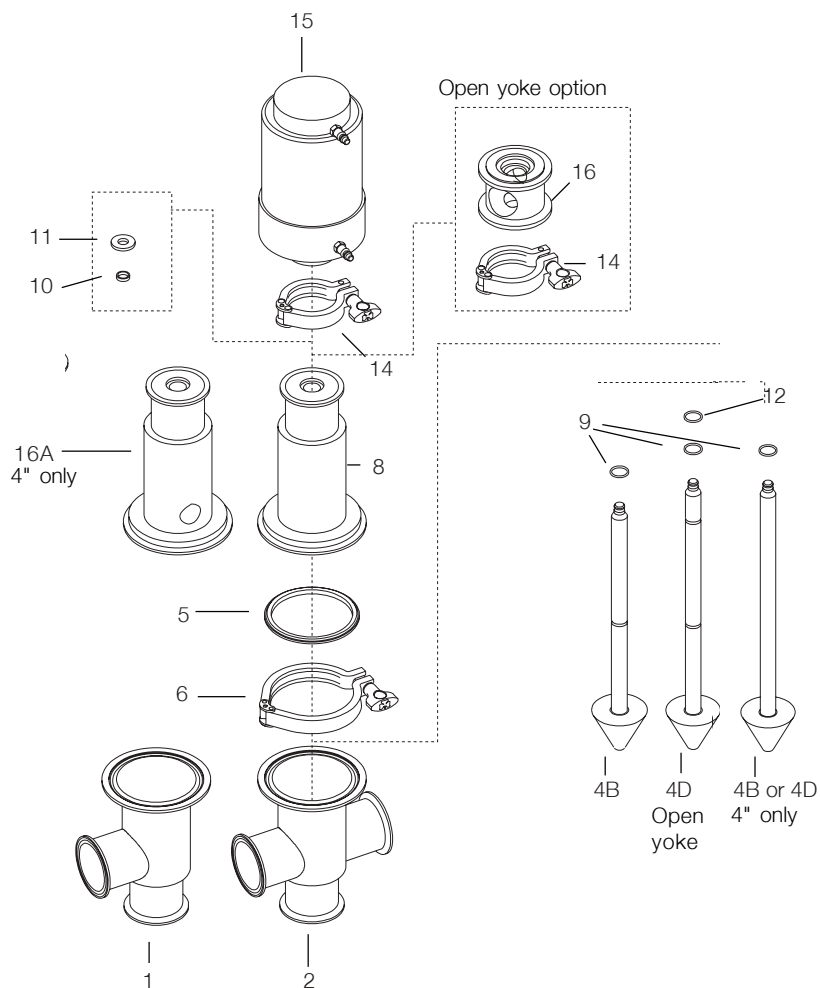
- included in 161 Service Kit
- included in 161OY Service Kits

	1"	1½"	2"	2½"	3"	4"
● Buna .....	9613990232	9613990235	9613990238	9613990241	9613990244	9613990247
● EPDM .....	9613990233	9613990236	9913990239	9613990242	9613990245	9613990248
● SFY .....	9613990234	9613990237	9613990240	9613990243	9613990246	9613990249
○ Buna .....	9613990214	9613990217	9613990220	9613990223	9613990226	9613990229
○ EPDM .....	9613990215	9613990218	9613990221	9613990224	9613990227	9613990230
○ SFY .....	9613990216	9613990219	9612990222	9613990225	9613990228	9613990231

# 171 & 171OY Throttling Valves

Central States Industrial  
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Pos.	Qty.	Denomination	1"	1½"	2"	2½"	3"	4"
1	1	Lower body model 10 .....	770405	771323	771423	771443	771463	770300
2	1	Lower body model 30 .....	772525	771447	772808	771176	n/a	770965
4B	1	Valve plug 10 & 30 .....	770401	775737	775741	775747	770732	771969
4D	1	171OY valve plug 10 & 30 .....	N/A	N/A	N/A	N/A	N/A	N/A
5	●○ 1	Body gasket BUNA .....	755415	755415	755416	755417	755418	755421
5	●○ 1	Body gasket EPDM .....	750157	750157	750062	751799	750811	750686
5	●○ 1	Body gasket SFY .....	750667	750667	750497	750209	750609	750738
6	1	Body clamp .....	212205	212205	212206	212207	212208	212209
8	1	Bonnet 10 & 30 .....	753954	753954	753956	753730	750159	750290
9	● 1	Stem O-ring BUNA .....	755351	755351	755351	755357	755357	300543
9	● 1	Stem O-ring EPDM .....	750036	750036	750036	750037	750037	300016
9	● 1	Stem O-ring SFY .....	750172	750172	750172	750173	750173	300061
10	●○ 1	Bonnet O-ring BUNA .....	755357	755357	755357	755370	755370	755370
10	●○ 1	Bonnet O-ring EPDM .....	750037	750037	750037	750132	750132	750132
10	●○ 1	Bonnet O-ring SFY .....	750173	750173	750173	750077	750077	750077
11	1	Ss washer .....	754781	754781	754781	754776	754776	754776
12	○ 1	OY stem O-ring BUNA .....	755388	755388	755388	755542	755542	x
12	○ 1	OY stem O-ring EPDM .....	750004	750004	750004	750728	750728	x
12	○ 1	OY stem O-ring SFY .....	750084	750084	750084	751715	751715	x
14	1	Actuator clamp .....	212196	212196	212196	212196	212196	212196
15	1	See actuator section						
16	1	Open yoke .....	751698	751698	751698	N/A	N/A	x
16A	1	OY bonnet .....	x	x	x	x	x	N/A

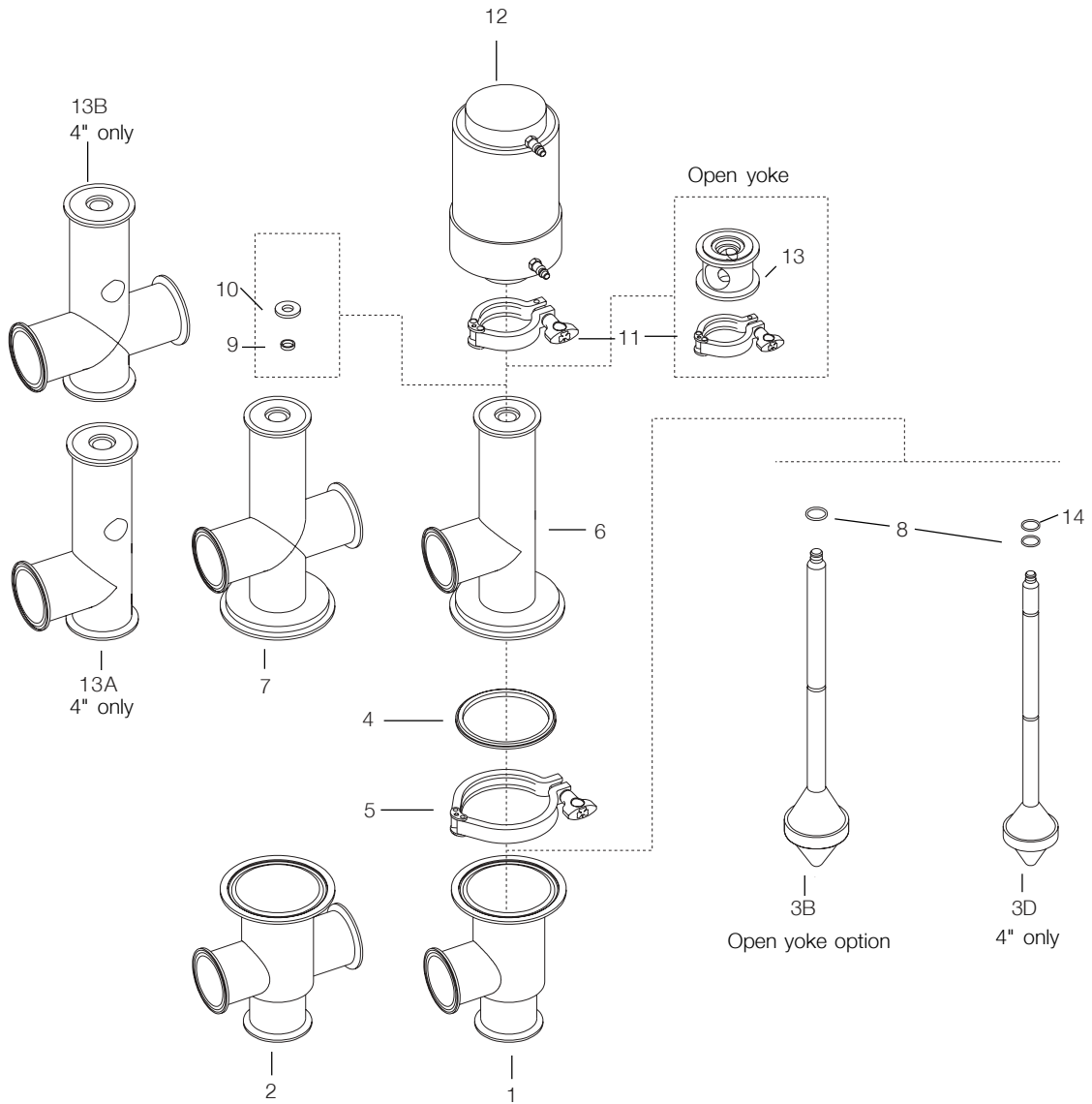
- included in 171 Service Kit
- included in 171OY Service Kits

	1"	1½"	2"	2½"	3"	4"
● Buna .....	9613990184	9613990184	9613990187	9613990190	9613990193	9613990196
● EPDM .....	9613990185	9613990185	9913990188	9613990191	9613990194	9613990197
● SFY .....	9613990186	9613990186	9613990189	9613990192	9613990195	9613990198
○ Buna .....	9613990199	9613990199	9613990202	9613990205	9613990208	9613990211
○ EPDM .....	9613990200	9613990200	9613990203	9613990206	9613990209	9613990212
○ SFY .....	9613990201	9613990201	9612990204	9613990207	9613990210	9613990213

# 171 & 1710Y Divert Valves

Central States Industrial  
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Pos.	Qty.	Denomination	1½"	2"	2½"	3"	4"
1	1	Lower body models 21 & 41 .....	771323	771423	771443	771463	770300
2	1	Lower body models 23 & 43 .....	771447	772808	771176	n/a	770965
3B	1	Valve plug .....	770161	775787	775792	770305	x
3D	1	Valve plug 1710Y .....	n/a	n/a	n/a	n/a	n/a
4	●○ 1	Body gasket BUNA .....	755415	755416	755417	755418	755421
4	●○ 1	Body gasket EPDM .....	750157	750062	751799	750811	750686
4	●○ 1	Body gasket SFY .....	750667	750497	750209	750609	750738
5	1	Body clamp .....	212205	212206	212207	212208	212209
6	1	Upper body models 21 & 23 .....	n/a	n/a	n/a	n/a	n/a
7	1	Upper body models 41 & 43 .....	n/a	n/a	n/a	n/a	n/a
8	● 1	Stem O-ring BUNA .....	755351	755351	755357	755357	300543
8	● 1	Stem O-ring EPDM .....	750036	750036	750037	750037	300016
8	● 1	Stem O-ring SFY .....	750172	750172	750173	750173	300061
9	●○ 1	Bonnet O-ring BUNA .....	755357	755357	755370	755370	755370
9	●○ 1	Bonnet O-ring EPDM .....	750037	750037	750132	750132	750132
9	●○ 1	Bonnet O-ring SFY .....	750173	750173	750077	750077	750077
10	1	Ss washer .....	754781	754781	754776	754776	754776
11	1	Actuator clamp .....	212196	212196	212196	212196	212196
12		See actuator section					
13	1	Open yoke .....	751698	751698	N/A	N/A	x
13A	1	Open yoke body models 21 & 23 .....	x	x	x	x	n/a
13B	1	Open yoke body models 41 & 43 .....	x	x	x	x	n/a
14	○ 1	OY stem O-ring BUNA .....	755388	755388	755542	755542	x
14	○ 1	OY stem O-ring EPDM .....	750004	750004	750728	750728	x
14	○ 1	OY stem O-ring SFY .....	750084	750084	751715	751715	x

- included in 171 Service Kit
- included in 1710Y Service Kits

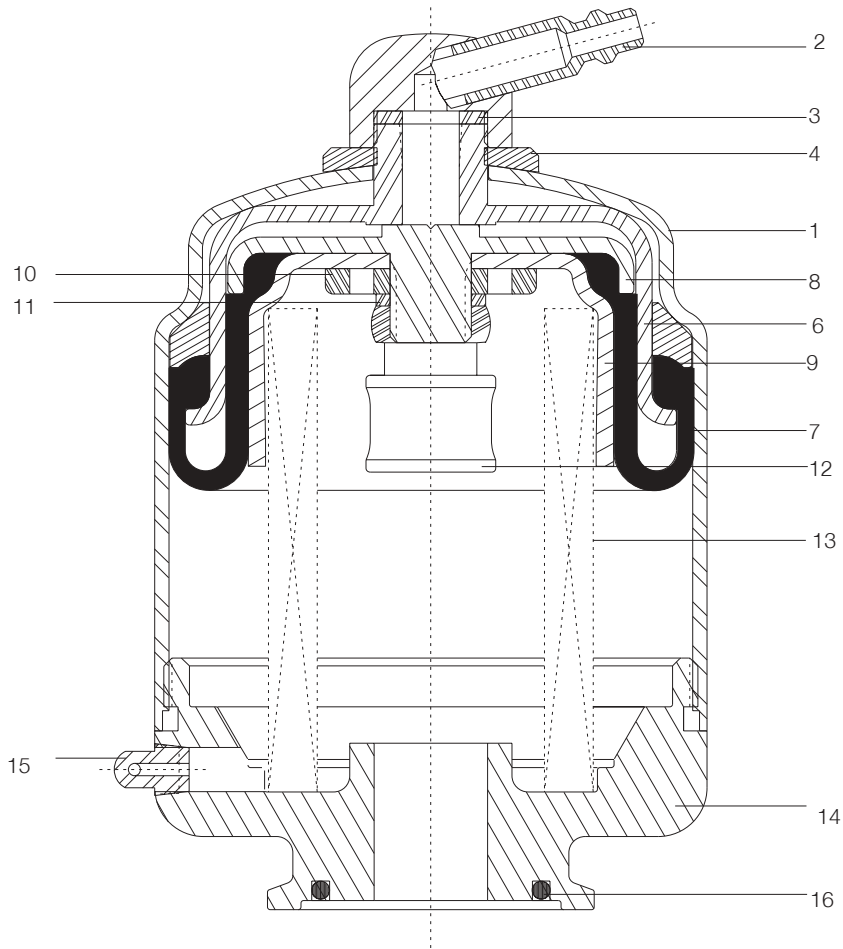
**1½"      2"      2½"      3"      4"**

● Buna .....	9613990184	9613990187	9613990190	9613990193	9613990196
● EPDM .....	9613990185	9913990188	9613990191	9613990194	9613990197
● SFY .....	9613990186	9613990189	9613990192	9613990195	9613990198
○ Buna .....	9613990199	9613990202	9613990205	9613990208	9613990211
○ EPDM .....	9613990200	9613990203	9613990206	9613990209	9613990212
○ SFY .....	9613990201	9612990204	9613990207	9613990210	9613990213

# Type 15 Actuator for 171 Series

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25-2B-20-S

# Type 15 Actuator for 171 Series

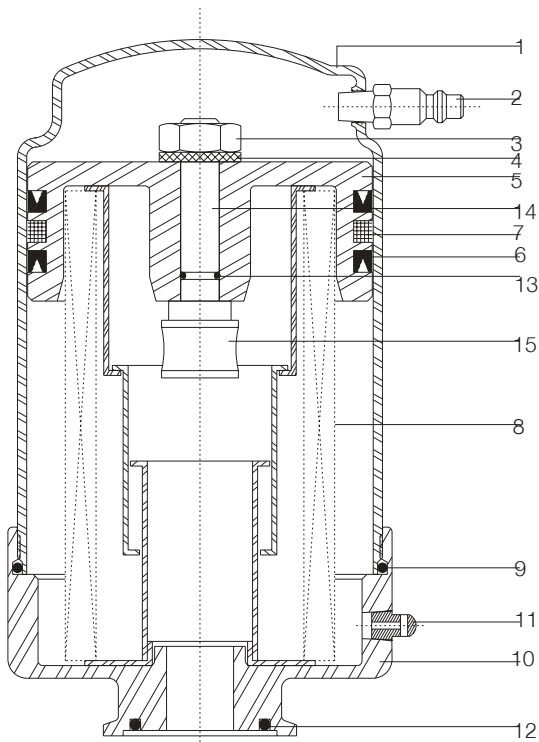
Pos.	Qty.	Denomination	Code
1	1	Actuator body cylinder .....	750032
2	1	Air coupler adapter .....	764249
3	1	Gasket .....	755451
4	1	Sealing nut .....	754328
5	1	Outer diaphragm .....	763805
		clamp/retainer	
7	● 1	Diaphragm .....	763501
8	1	Top diaphragm .....	763515
		clamp/retainer	
9	1	Inner diaphragm .....	763753
		clamp/retainer	
10	1	Nut-retainer assembly .....	754265
11	1	Washer .....	754797
12	1	Coupler .....	764240
13	1	Compression spring .....	750752
14	1	Bonnet .....	750428
15	1	Vented plug .....	181256
16	● 1	O-ring .....	755353

- included in Service Kit
  
- Service kit ..... 9613990042

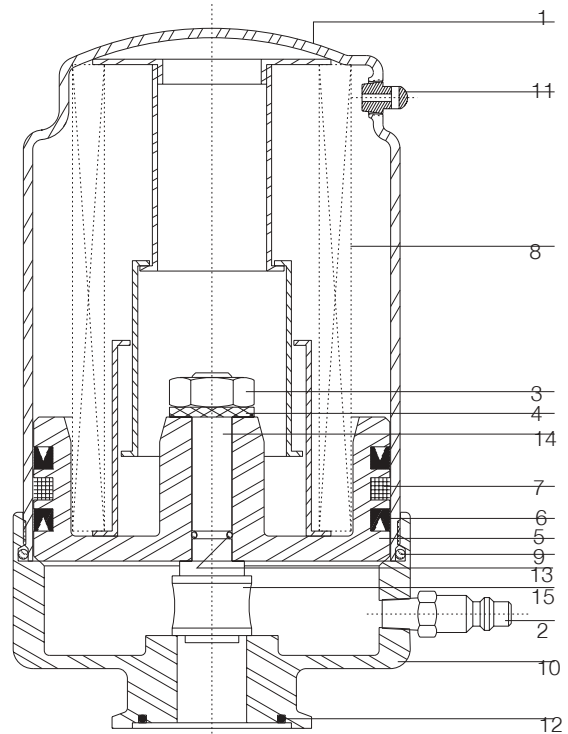
# 161 & 171 Actuators Shut Off & Divert Series

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Type 10



Type 20

# 161 & 171 Actuators Shut Off & Divert Series

Pos.	Qty.	Denomination	Shut Off	Shut Off	Divert	Shut Off / Divert	Divert
			1", 1 1/2", 2"	2 1/2", 3"	1 1/2", 2"	4" / 2 1/2"	3", 4"
16	1	Actuator Type 10 .....	751170	751184	751185	751186	751187
16	1	Actuator Type 20 .....	751168	751188	751189	751190	751131
1	1	Actuator body cylinder .....	750846	750896	750983	750984	750985
2	1	Air coupler adapter .....	764098	764098	764098	764098	764098
3	1	Nut .....	189923	189923	189923	189923	189923
4	1	Lockwasher .....	189971	189971	189971	189971	189971
5	1	Spring assembly .....	750832	750833	750834	750835	750836
6	● 2	Vee block packing .....	755460	755460	755460	755460	755460
7	● 1	Felt seal .....	755464	755464	755464	755464	755464
8	1	Piston .....	767870	767870	767870	767870	767870
9	● 1	O-ring .....	296608	296608	296608	296608	296608
10	1	Bonnet .....	753824	753824	753824	753824	753824
11	1	Vented plug .....	181256	181256	181256	181256	181256
12	● 1	O-ring .....	755353	755353	755353	755353	755353
13	● 1	O-ring .....	755388	755388	755388	755388	755388
14	1	Coupler stud .....	778186	778186	778186	778186	778186
15	1	Coupler .....	764241	764241	764241	764241	764241

● included in Service Kit

● Service kit ..... 9613990040