



Backflow Preventer Parts

Table of Contents

MODEL 350 2 0 - 2 5	2
MODEL 350 32-50.	4
MODEL 950XL 20-50.	6
MODEL 350 & 450 65-80.	12
MODEL 350A & 350 65-300	10
MODEL 450 100-250.	12
MODEL 950 65-250	14
MODEL 975XL 15	16
MODEL 975X20-50L	18
MODEL 375 20-25	20
MODEL 375 32-50.	22
MODEL 375, 475 & 475V 65-80	24
MODEL 375A & 375 100-250	26
MODEL 475 100-250.	28
MODEL 975 65-250.	30
MODEL 375, 375A, 375AST, 475 & 475V 65-250.	32
MODEL 975 65-250.	33
MODEL 310 100-250.	34
MODEL 700 15-40.	35

MODEL 350

Double Check – Backflow Preventers 20mm & 25mm



Item Number	Description	20mm	25mm
1	BODY	352-1-010F	353-1-010F
2	HOUSING	352-1A	353-1A
3	#1 SEAT	352-18A	353-18A
4	#2 SEAT	352-18B	353-18B
5	O-RING #1	125N-PM	131N-PM
6	O-RING #2	126N-PM	132N-PM
7	POPPET	352-30	353-30
8	SPRING	352-33	353-33
9	SLEEVE	352-2	353-2
10	O-RING, HOUSING INLET	214N	220N-80
11	O-RING, HOUSING OUTLET	223N	226N-80
12	SCREWS	352-11	352-11
13	TEST COCKS	18-860	18-860
14	CHECK ASSEMBLY #1	352-300A	353-300A
15	CHECK ASSEMBLY #2	352-300B	353-300B

Repair Kit, Rubber

RK34-350R Size 20mm			RK1-350R Size 25mm		
Part Number	Qty.	Description	Part Number	Qty.	Description
125N-PM	1	O-RING #1 CHECK ASSY	131N-PM	1	O-RING #1 CHECK ASSY
126N-PM	1	O-RING #2 CHECK ASSY	132N-PM	1	O-RING #2 CHECK ASSY
214N	1	O-RING, HOUSING INLET	220N-80	1	O-RING, HOUSING INLET
223N	1	O-RING, HOUSING OUTLET	226N-80	1	O-RING, HOUSING OUTLET
352-30	2	POPPET	353-30	2	POPPET

Repair Kit, Complete

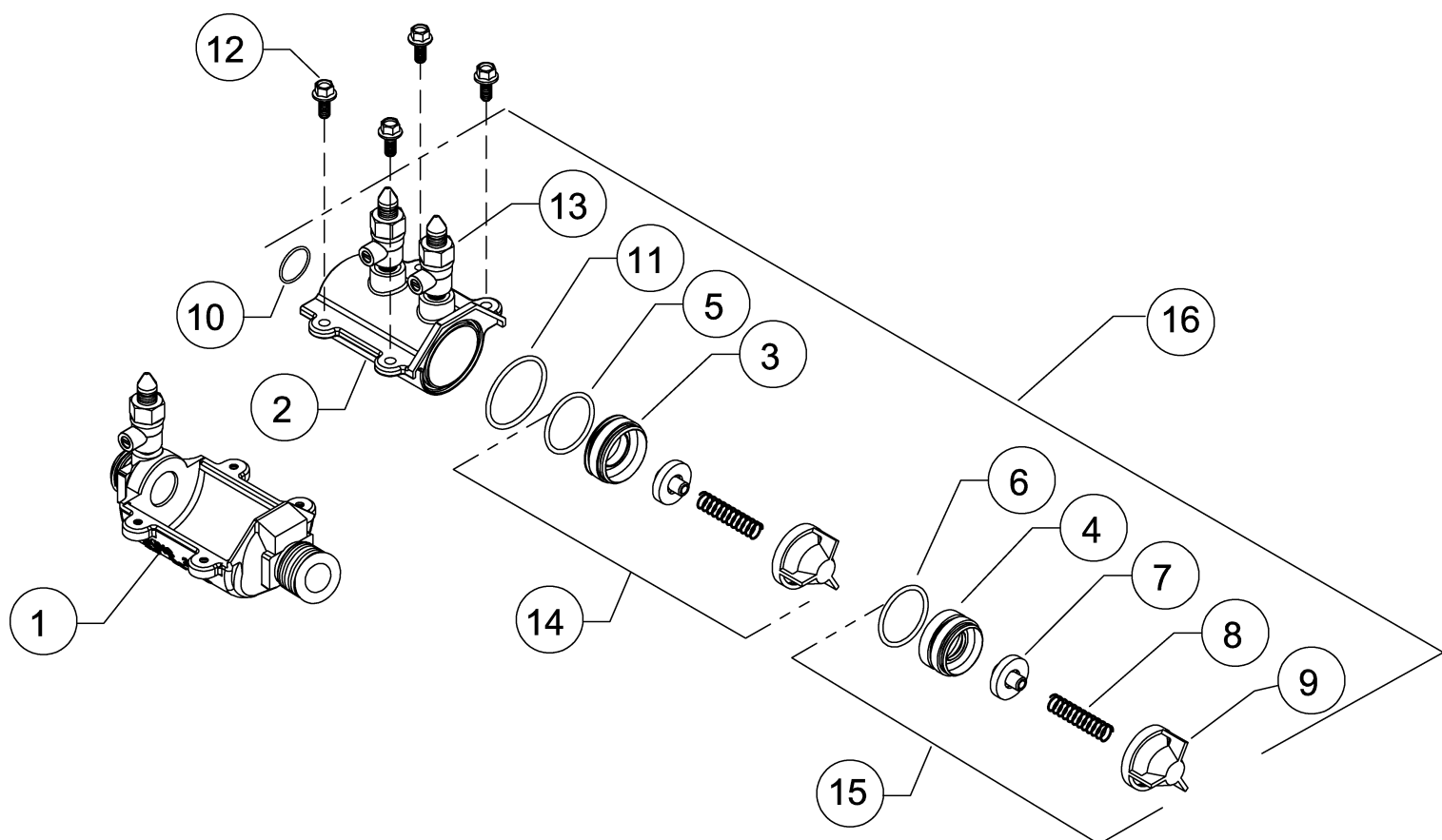
RK34-350 Size 20mm			RK1-350 Size 25mm		
Part Number	Qty.	Description	Part Number	Qty.	Description
352-300A	1	#1 CHECK ASSEMBLY	353-300A	1	#1 CHECK ASSEMBLY
352-300B	1	#2 CHECK ASSEMBLY	353-300B	1	#2 CHECK ASSEMBLY
214N	1	O-RING, HOUSING INLET	220N-80	1	O-RING, HOUSING INLET
223N	1	O-RING, HOUSING OUTLET	226N-80	1	O-RING, HOUSING OUTLET

Repair Kit, Vessel

RK34-350V Size 20mm			RK1-350V Size 25mm		
Part Number	Qty.	Description	Part Number	Qty.	Description
ITEM 16	1	HOUSING ASSEMBLY	ITEM 16	1	HOUSING ASSEMBLY

MODEL 350

Parts Drawing



MODEL 350

Double Check Backflow – Preventers 32mm to 50mm



Item Number	Description	32mm	40mm	50mm
1	HOUSING	354-1A	354-1A	354-1A
3	O-RING	331N	331N	331N
4	SLEEVE	374-2	374-2	374-2
5	O-RING	337N	337N	337N
6	BOLT	352-11	352-11	352-11
7	TEST COCKS	18-860	18-860	18-860
8	BOLT	959-11B	959-11B	959-11B
9	STRUT (NOT AVAILABLE)	354-1S	354-1S	354-1S
11	SEAT, #1	374-18A	374-18A	374-18A
12	SPRING RETAINER, #1	354-80A	354-80A	354-80A
13	BOLT	374-11A	374-11A	374-11A
14	SEAL RETAINER	374-14A	374-14A	374-14A
15	SEAL WASHER	374-12A	374-12A	374-12A
16	POPPET	374-30	374-30	374-30
17	O-RING	336N	336N	336N
18	SEAT, #2	374-18B	374-18B	374-18B
19	SPRING, #2	374-33B	374-33B	374-33B
20	SPRING RETAINER, #2	374-80B	374-80B	374-80B
21	#1 CHECK ASSEMBLY	354-300A	354-300A	354-300A
22	#2 CHECK ASSEMBLY	374-300B	374-300B	374-300B
23	VESSEL W/CHECKS	RK114-350V	RK114-350V	RK114-350V
24	HOUSING, BLOW OUT/FLUSH	RK114-350-375BOF	RK114-350-375BOF	RK114-350-375BOF

Repair Kit, Rubber

RK114-350R				RK114-350			
Size 32mm - 50mm				Size 32mm - 50mm			
ITEM	Part Number	Qty.	Description	ITEM	Part Number	Qty.	Description
3	331N	2	O-RING	3	331N	2	O-RING
5	337N	2	O-RING	5	337N	1	O-RING
15	374-12A	2	SEAL WASHER	21	354-300A	1	#1 CHECK ASSY
17	336N	1	O-RING	22	374-300B	1	#2 CHECK ASSY

Repair Kit, Vessel

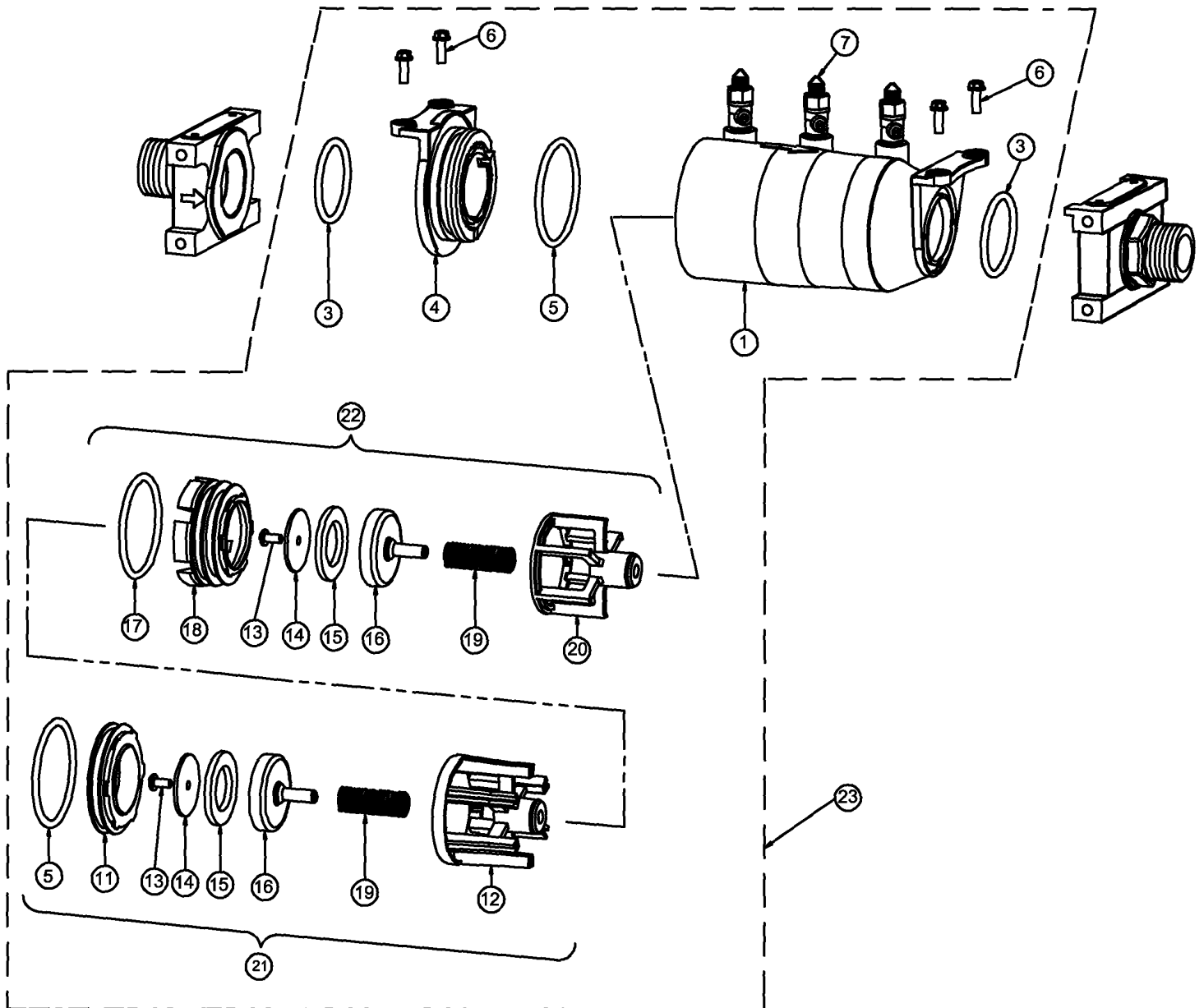
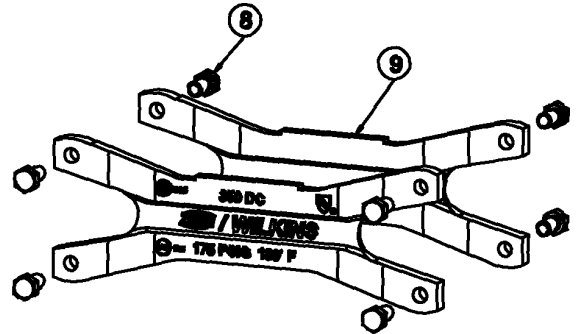
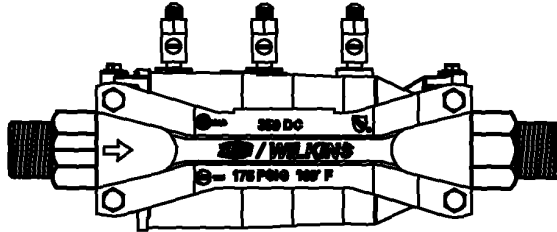
RK114-350V			Size 32mm- 50mm
ITEM	Qty.	Description	
23	1	VESSEL W/CHECKS	

Repair Kit, Complete

RK114-350-375BOF			Size 32mm - 50mm
Part Number	Qty.	Description	
374-1BOF	1	HOUSING, BLOW OUT/FLUSH,32mm	
331N	2	O-RING	
337N	1	O-RING	

MODEL 350

Parts Drawing



MODEL 950XL

Double Check Backflow – Preventers 20mm to 50mm



Item Number	Description	20mm	25mm	32mm	40mm	50mm
1	CHECK COVER	952-3XL2-010F	952-3XL2-010F	954-3XL2-010F	954-3XL2-010F	954-3XL2-010F
2	O-RING, COVER	136N	136N	153N	153N	153N
3	CHECK SPRING	952-33	952-33	554-33	554-33	554-33
4	POPPET	952-30-010F	952-30-010F	954-30-010F	954-30-010F	954-30-010F
5	SEAL RING	952-12S	952-12S	954-12S	954-12S	954-12S
6	SEAL RING RETAINER	952-14	952-14	954-14	954-14	954-14
7	RETAINING BOLT	952-11	952-11	952-11	952-11	952-11
8	CHECK SEAT	952-18S	952-18S	954-18S	954-18S	954-18S
9	O-RING, CHECK SEAT	WK-125N	WK-125N	136N	136N	136N
10	TEST COCK	18-860	18-860	18-860	18-860	18-860
11	BALL VALVE, TAPPED	34-850T	1-850T	114-850T	112-850T	2-850T
12	BALL VALVE	34-850	1-850	114-850	112-850	2-850
13	POPPET ASSEMBLY	952-300S	952-300S	954-300S	954-300S	954-300S
	CHECK SEAT TOOL	972-SEATTOOL		974-SEATTOOL		

Repair Kit, Rubber & Springs

RK34-950XL Size 20mm & 25mm Only			RK114-950XL Size 32mm, 40mm, 50mm Only		
Part Number	Qty.	Description	Part Number	Qty.	Description
952-12S	2	SEAL RING	954-12S	2	SEAL RING
136N	2	O-RING, COVER	153N	2	O-RING, COVER
952-33	2	CHECK SPRING	554-33	2	CHECK SPRING

Repair Kit, Rubber

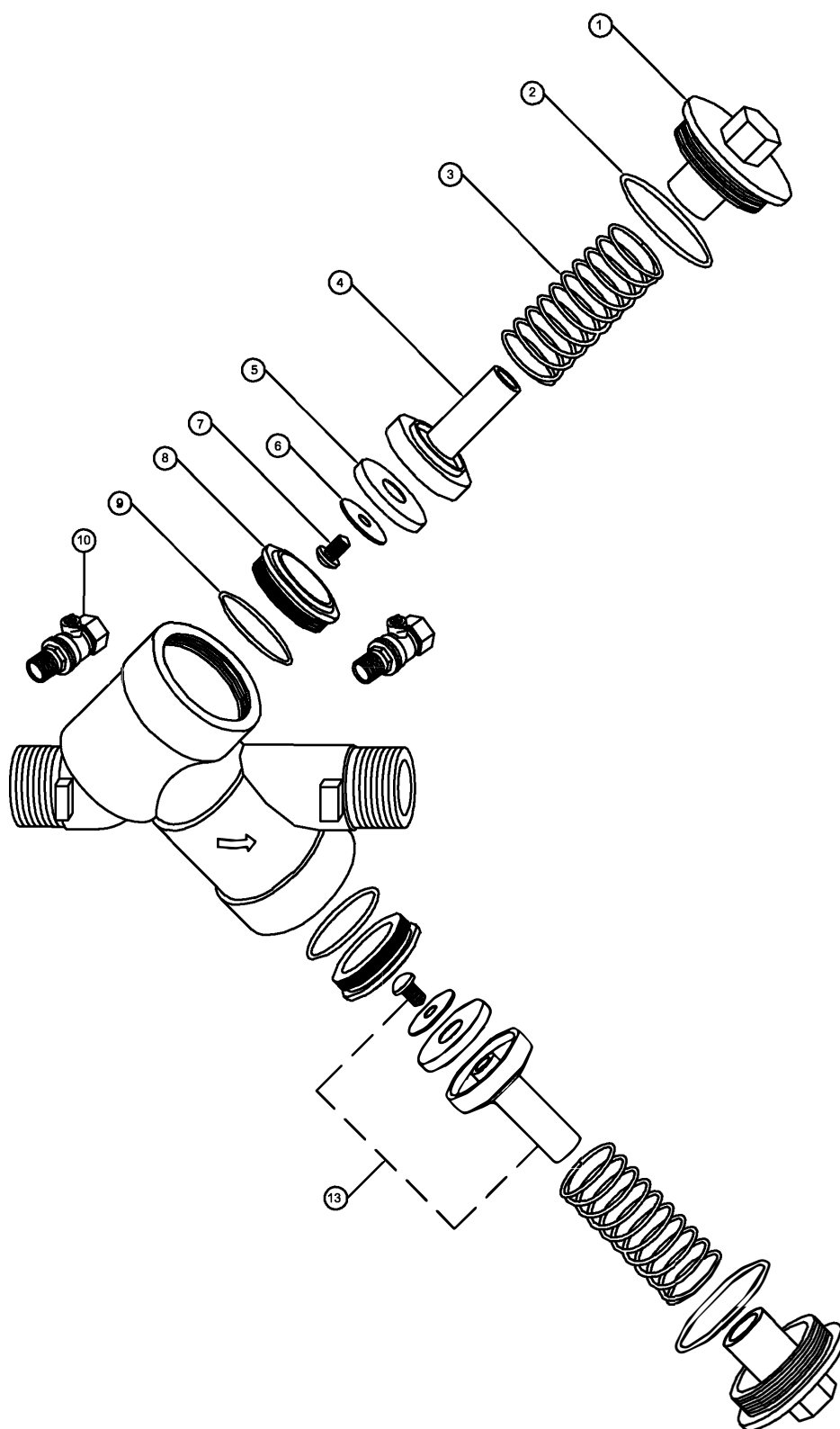
RK34-950XLR Size 20mm & 25mm Only			RK114-950XLR Size 32mm, 40mm, 50mm Only		
Part Number	Qty.	Description	Part Number	Qty.	Description
952-12S	2	SEAL RING	954-12S	2	SEAL RING
136N	2	O-RING, COVER	153N	2	O-RING, COVER

Repair Kit, Seats

RK34-950XLSK Size 20mm & 25mm Only			RK114-950XLSK Size 32mm, 40mm, 50mm Only		
Part Number	Qty.	Description	Part Number	Qty.	Description
952-18S	2	CHECK SEAT	954-18S	2	CHECK SEAT
WK-125N	2	O-RING, COVER	136N	2	O-RING, CHECK SEAT

MODEL 950XL – 20mm to 50mm

Parts Drawing



MODEL 350 & 450



Lead-Free* Double Check – Backflow Preventers 65mm & 80mm

**This product contains a weighted average lead content less than 0.25% for wetted surfaces.*

Item Number	Description	65mm	80mm
2	BOLT, FLANGE	558-11D	558-11D
4	GASKET, FLANGE	557-13	558-13
5	O-RING COVER PLATE	031N	031N
6	COVER PLATE	558-3AXL-010F	558-3AXL-010F
7	BOLT, COVER PLATE	554-11A	554-11A
8	SEAT RETAINER #2	3507-14G	3507-14G
9	SEAT RETAINER #1	3507-14F	3507-14F
10	COVER	3507-3C	3507-3C
11	COVER RETAINER ASSY	5-23	5-23
12	BULKHEAD FITTING ASSY	BHF1CXL-100	BHF1CXL-100
14	COUPLING	12-51	12-51
16	O-RING	245N	245N
18	NUT, POPPET RETAINER	3507-9	3507-9
19	HANDLE, #1 POPPET ASSY	3507-14E	3507-14E
20	WASHER	3507-14D	3507-14D
21	O-RING	WK-111N	WK-111N
22	POPPET RETAINER	3507-14	3507-14
23	SEAL RING	3507-12	3507-12
24	SEAT ASSEMBLY, #1 POPPET	3507-180	3507-180
25	SEAT ASSEMBLY, #2 POPPET	3507-180A	3507-180A
26	#1 CHECK ASSEMBLY	3507-300	3507-300
27	#2 CHECK ASSEMBLY	3507-300A	3507-300A
28	BULKHEAD FITTING ASSY	BHF1BXL-100	BHF1BXL-100
29	PLUG	558-7	558-7
30	GASKET, COVER RETAINER	5-23-13	5-23-13
31	BULKHEAD FITTING GASKET	BHF1-13	BHF1-13

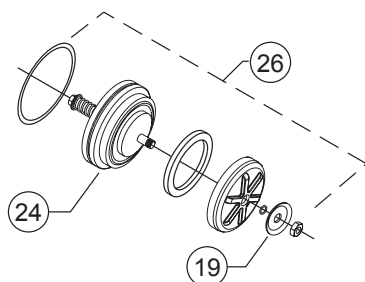
Repair Kit, Rubber

RK212-350 **Size 65mm, 80mm**

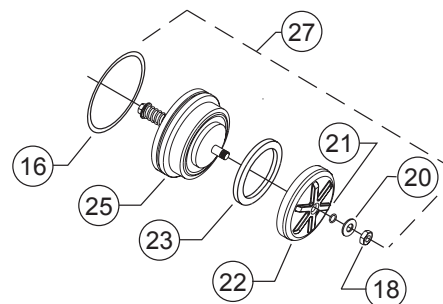
Part Number	Qty.	Description
3507-12	2	SEAL RING
245N	2	O-RING
WK-111N	2	O-RING

MODEL 350 & 450 – 65mm & 80mm

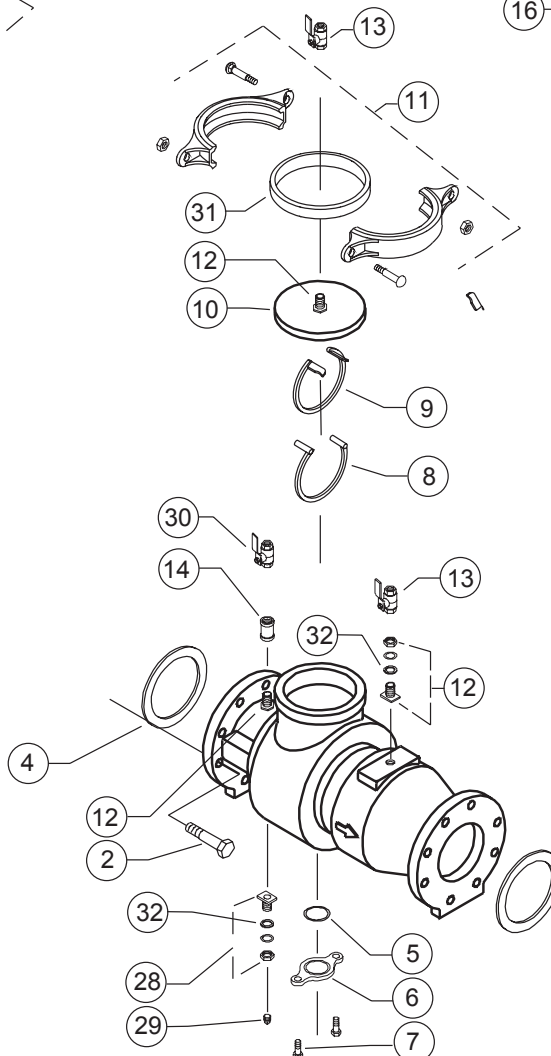
Parts Drawing



#1 CHECK ASSEMBLY
(350 & 450 65mm - 80mm)



#2 CHECK ASSEMBLY
(350 & 450 65mm - 80mm)



MODEL 350
(65mm - 80mm)

MODEL 350A & 350



Lead-Free Double Check – Backflow Preventers 350A (100mm to 250mm) & 350 (65mm to 300mm)

**This product contains a weighted average lead content less than 0.25% for wetted surfaces.*

Item	Description	65mm	80mm	100mm	150mm	200mm	250mm	300mm
	BUTTERFLY VALVE	212-49GVIC	3-49GVIC	4-49GVIC	6-49GVIC	8-49GVIC	10-49GVIC	N/A
2	BOLT, FLANGE	N/A	N/A	559-11	5510-11	9511-11B	9512-11B	9512-11B
4	GASKET, FLANGE	N/A	N/A	559-13	5510-13	9511-13	9512-13	9512-13
5	O-RING, COVER PLATE	031N	031N	031N	031N	142N	142N	142N
6	COVER PLATE	558-3AXL-010F	558-3AXL-010F	558-3AXL-010F	558-3AXL-010F	3511-3AXL-010F	3511-3AXL-010F	3511-3AXL-010F
7	BOLT, COVER PLATE	554-11A	554-11A	554-11A	554-11A	957-11	957-11	957-11
8	SEAT RETAINER #2	3509-140	3509-140	3509-140	3510-140	3511-14DSS	3511-14DSS	3511-14DSS
9	SEAT RETAINER #1	3509-14B	3509-14B	3509-14B	3510-14B	3511-9 (NUT)	3511-9 (NUT)	3511-9 (NUT)
10	COVER	3509-3C	3509-3C	3509-3C	3510-3C	3511-3C	3511-3C	3511-3C
11	COVER RETAINER ASSY	6-23	6-23	6-23	8-23	12-23	12-23	12-23
12	BULKHEAD FITTING ASSY	BHF1CXL-100	BHF1CXL-100	BHF1CXL-100	BHF2BXL-100	BHF2BXL-100	BHF2BXL-100	BHF2BXL-100
13	BALL VALVE	12-850XL	12-850XL	12-850XL	34-850XL	34-850XL	34-850XL	34-850XL
14	COUPLING	12-51	12-51	12-51	557-51	557-51	557-51	557-51
16	O-RING	353N	353N	353N	364N	273N	273N	273N
18	BOLT, POPPET RETAINER	558-11E	558-11E	558-11E	5510-11A	3511-11	3511-11	3511-11
19	HANDLE, #1 POPPET ASSY	3509-6	3509-6	3509-6	3510-6	N/A	N/A	N/A
20	WASHER	3509-14C	3509-14C	3509-14C	3510-14C	3510-14C	3510-14C	3510-14C
21	O-RING	WK-109N	WK-109N	WK-109N	204N	204N	204N	204N
22	POPPET RETAINER	3509-14	3509-14	3509-14	3510-14	3511-14	3511-14	3511-14
23	SEAL RING	3509-12	3509-12	3509-12	3510-12	3511-12	3511-12	3511-12
24	SEAT ASSEMBLY, #1 POPPET	3509-180	3509-180	3509-180	3510-180	3512-180A	3512-180A	3512-180A
25	SEAT ASSEMBLY, #2 POPPET	3509-180	3509-180	3509-180	3510-180	3512-180B	3512-180B	3512-180B
26	#1 CHECK ASSEMBLY	3509-300A	3509-300A	3509-300A	3510-300A	3512-300A	3512-300A	3512-300A
27	#2 CHECK ASSEMBLY	3509-300B	3509-300B	3509-300B	3510-300B	3512-300B	3512-300B	3512-300B
28	BULKHEAD FITTING ASSY	BHF1BXL-100	BHF1BXL-100	BHF1BXL-100	BHF1BXL-100	BHF2CXL-100	BHF2CXL-100	BHF2CXL-100
29	PLUG	558-7	558-7	558-7	558-7	558-7	558-7	558-7
30	BALL VALVE	12-850MXL	12-850MXL	12-850MXL	34-850XL	34-850XL	34-850XL	34-850XL
31	NIPPLE, LONG	N/A	N/A	N/A	5510-21B	5510-21B	5510-21B	5510-21B
32	LIFTING LUG	N/A	N/A	N/A	9510-24	9510-24	N/A	N/A
33	GASKET, COVER RETAINER	6-23-13	6-23-13	6-23-13	8-23-13	12-23-13	12-23-13	12-23-13
34	WASHER	N/A	N/A	N/A	N/A	3511-14E	3511-14E	3511-14E
35	BULKHEAD FITTING, GASKET	BHF1-13	BHF1-13	BHF1-13	BHF1-13	BHF1-13	BHF1-13	BHF1-13
36	GROOVED COUPLING	4X212-23	4X3-23	4-23	6-23	8-23	10-23	N/A
37	GASKET	N/A	N/A	4-23-13	6-23-13	8-23-13	10-23-13	N/A

Repair Kit

RK4-350			Size 65mm, 80mm, 100mm			RK6-350			Size 150mm			RK8-350			Size 150mm, 200mm, 250mm, 300mm		
Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description
3509-12	2	SEAL RING	3510-12	2	SEAL RING	3511-12	2	SEAL RING									
353N	2	O-RING	364N	2	O-RING	273N	2	O-RING									
WK-109N	8	O-RING	204N	8	O-RING	204N	12	O-RING									

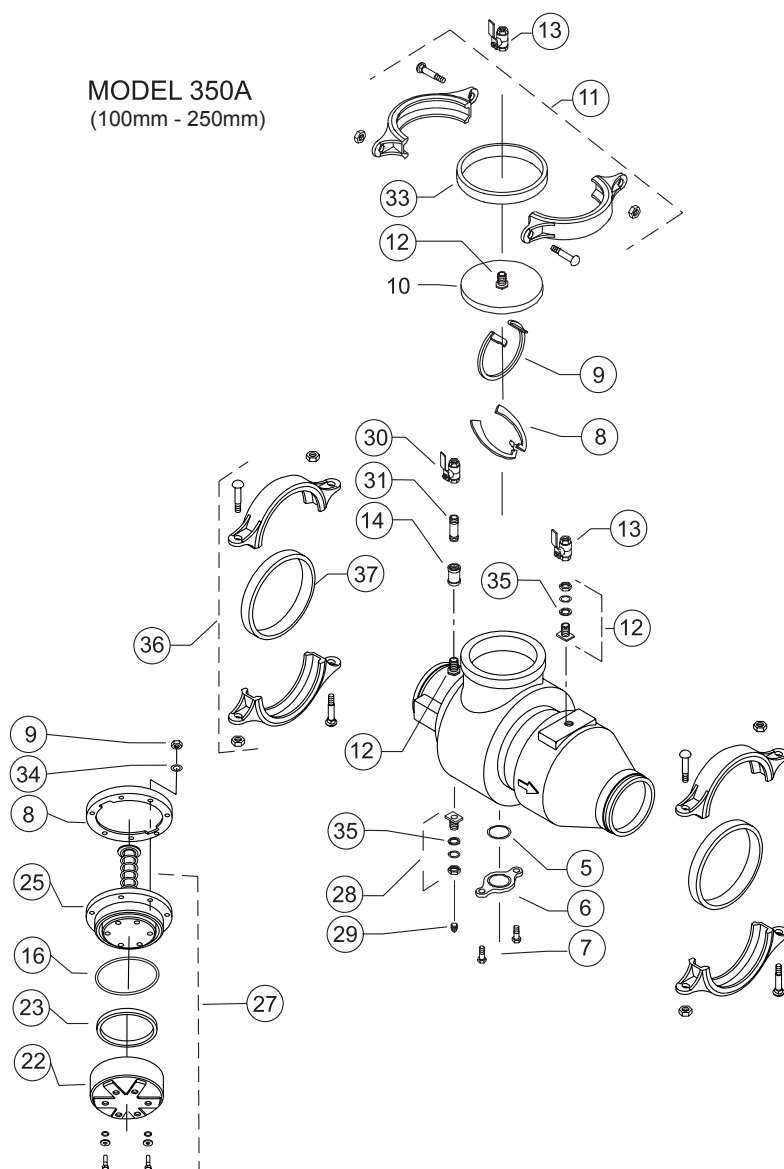
MODEL 350A – 100mm to 250mm

MODEL 350 – 65mm to 300mm

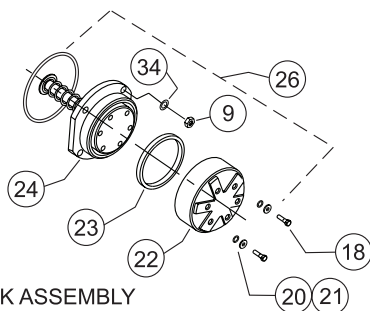
Parts Drawing



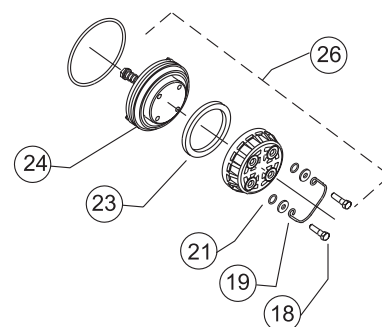
MODEL 350A
(100mm - 250mm)



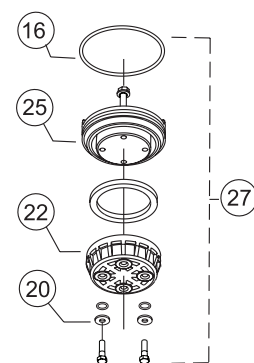
#2 CHECK ASSEMBLY
(350 200mm - 300mm)
(350A 200mm - 250mm)



#1 CHECK ASSEMBLY
(350 200mm - 300mm)
(350A 200mm - 250mm)

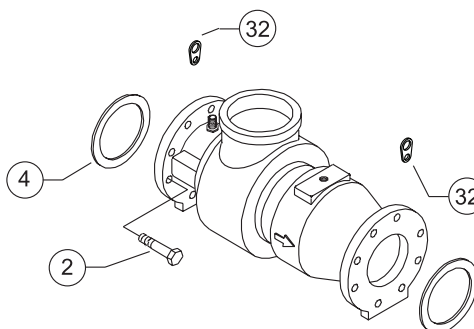


#1 CHECK ASSEMBLY
(350 100mm - 300mm)
(350A 65mm - 250mm)



#2 CHECK ASSEMBLY
(350 100mm - 250mm)
(350A 65mm - 300mm)

MODEL 350 (65mm - 300mm)



MODEL 450



Lead-Free Double Check – Backflow Preventers 100mm to 250mm

**This product contains a weighted average lead content less than 0.25% for wetted surfaces.*

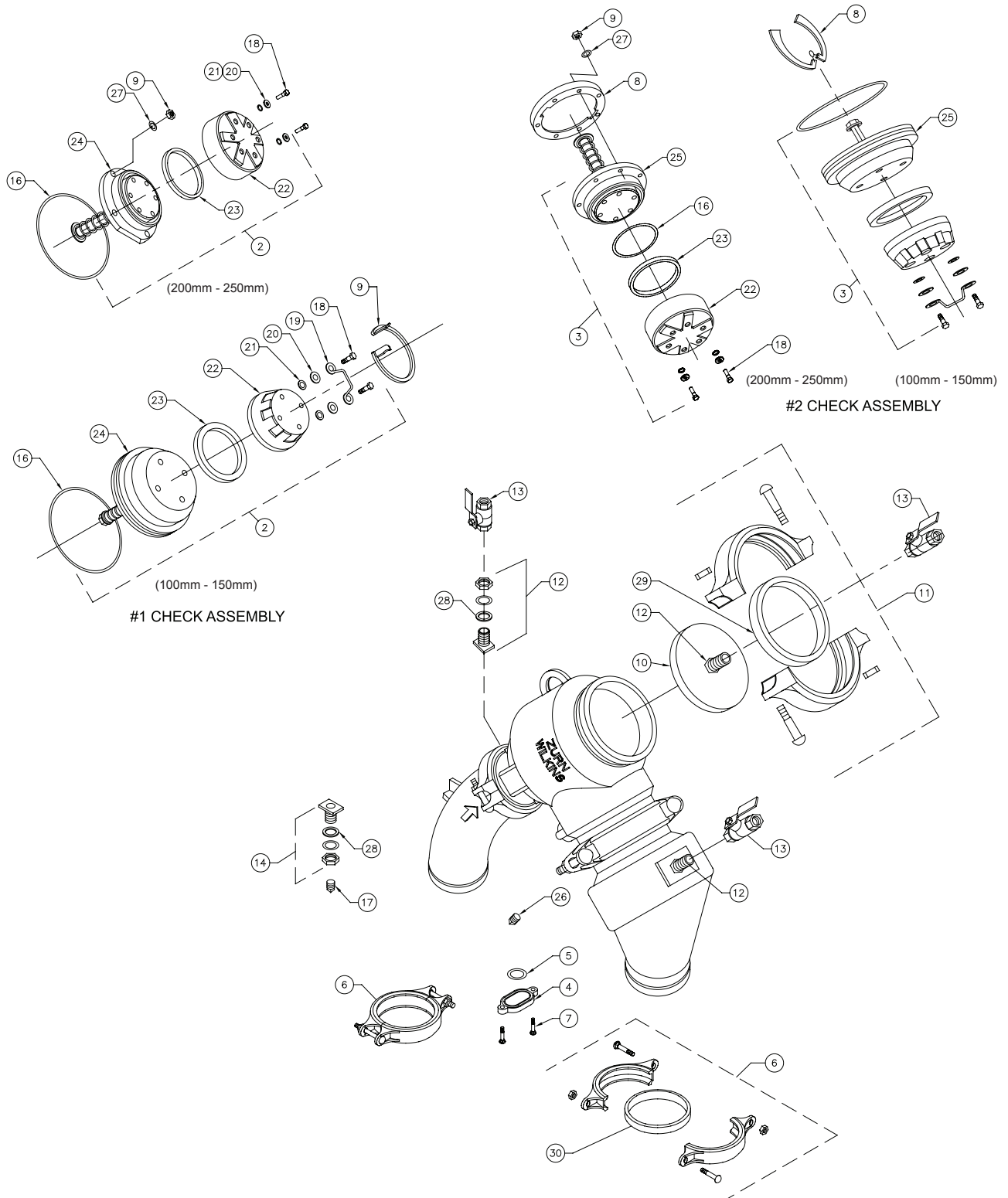
Item Number	Description	100mm	150mm	200mm	250mm
2	#1 CHECK ASSEMBLY	3509-300A	3510-300A	3512-300A	3512-300A
3	#2 CHECK ASSEMBLY	3509-300B	3510-300B	3512-300B	3512-300B
4	COVER PLATE	4507-3AXL-010F	4507-3AXL-010F	3511-3AXL-010F	3511-3AXL-010F
5	O-RING, COVER PLATE	032N	032N	142N	142N
6	GROOVED COUPLING	4-23	6-23	8-23	10-23
7	BOLT, COVER PLATE	554-11A	554-11A	957-11	957-11
8	SEAT RETAINER ASSEMBLY #2	3509-140	3510-140	3511-14DSS	3511-14DSS
9	SEAT RETAINER #1	3509-14B	3510-14B	3511-9 (NUT)	3511-9 (NUT)
10	COVER	3509-3C	3510-3C	3511-3C	3511-3C
11	COVER RETAINER ASSEMBLY	6-23	8-23	12-23	12-23
12	BULKHEAD FITTING ASSEMBLY	BHF1CXL-100	BHF2BXL-100	BHF2BXL-100	BHF2BXL-100
13	BALL VALVE	12-850XL	34-850XL	34-850XL	34-850XL
14	BULKHEAD FITTING ASSEMBLY	BHF1BXL-100	BHF1BXL-100	BHF2CXL-100	BHF2CXL-100
16	O-RING	353N	364N	273N	273N
17	PLUG	558-7	558-7	558-7	558-7
18	BOLT, POPPET RETAINER	558-11E	5510-11A	3511-11	3511-11
19	HANDLE, #1 POPPET ASSEMBLY	3509-6	3510-6	N/A	N/A
20	WASHER	3509-14C	3510-14C	3510-14C	3510-14C
21	O-RING	WK-109N	204N	204N	204N
22	POPPET RETAINER	3509-14	3510-14	3511-14	3511-14
23	SEAL RING	3509-12	3510-12	3511-12	3511-12
24	SEAT ASSEMBLY, #1 POPPET	3509-180	3510-180	3512-180A	3512-180A
25	SEAT ASSEMBLY, #2 POPPET	3509-180	3510-180	3512-180B	3512-180B
26	PLUG/CAP	558-7	34-3B	558-7	558-7
27	WASHER	N/A	N/A	3511-14E	3511-14E
28	GASKET	BHF1-13	BHF1-13	BHF1-13	BHF1-13
29	GASKET, COVER RETAINER	6-23-13	8-23-13	12-23-13	12-23-13
30	GASKET, GROOVED COUPLING	4-23-13	6-23-13	8-23-13	10-23-13

Repair Kit

RK4-350			RK6-350			RK8-350		
Size 100mm			Size 150mm			Size 200mm, 250mm		
Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description
3509-12	2	SEAL RING	3510-12	2	SEAL RING	3511-12	2	SEAL RING
353N	2	O-RING	364N	2	O-RING	273N	2	O-RING
WK-109N	8	O-RING	204N	8	O-RING	204N	12	O-RING

MODEL 350AST – 100mm to 250mm

Parts Drawing



MODEL 950

Double Check – Backflow Preventers 65mm to 250mm



Item Number	Description	65mm	80mm	100mm	150mm	200mm	250mm
2	BOLT, FLANGE	558-11D	558-11D	559-11	5510-11	9511-11B	9512-11B
3	NUT, FLANGE	558-9	558-9	558-9	5510-9	5510-9	9512-9A
4	GASKET, FLANGE	557-13	558-13	559-13	5510-13	9511-13	9512-13
5	STUD, FLANGE	959-11A	959-11A	959-11A	9511-11A	9511-11A	N/A
6	O-RING, SMALL	022N	022N	022N	022N	022N	022N
7	O-RING, LARGE	033N	033N	033N	033N	036N	036N
8	COVER PLATE	957-3A-010F	957-3A-010F	957-3A-010F	957-3A-010F	9511-3A-010F	9511-3A-010F
9	BOLT, COVER PLATE	554-11A	554-11A	554-11A	554-11A	554-11A	554-11A
10	COVER	957-3C	957-3C	959-3C	9510-3C	9511-3C	9512-3C
11	O-RING, COVER	248N	248N	264N	374N	452N	457N
12	BOLT, COVER	957-11	957-11	959-11	9510-11	9511-11	9512-11
13	NIPPLE, SHORT	N/A	N/A	N/A	102-21B	102-21B	102-21B
14	BALL VALVE, MALE	12-850M	12-850M	12-850M	N/A	N/A	N/A
	BALL VALVE, FEMALE	12-850	12-850	12-850	34-850	34-850	34-850
15	O-RING, SEAT	238N	238N	252N	366N	374N	379N
16	SEAT	957-18-010F	957-18-010F	959-18-010F	9510-18-010F	9511-18-010F	9512-18-010F
17	BOLT, SEAT	5752-11	5752-11	959-11B	959-11B	959-11B	959-11B
18	LOWER STEM GUIDE	N/A	N/A	959-2	957-2	9511-2	9512-2
19	NUT, STEM	957-9	957-9	959-9	9511-9	9511-9	9512-9
20	RETAINING PLATE	957-31-010F	957-31-010F	959-14-010F	9510-14-010F	9511-14-010F	9512-14-010F
21	SEAL RING	558-12	558-12	959-12	9510-12	9511-12	9512-12
22	POPPET ASSEMBLY	957-300	957-300	959-300	9510-300	9511-300	9512-300
23	UPPER STEM GUIDE	957-2	957-2	957-2	9510-2	9511-2A	9512-2A
25	PLUG	558-7	558-7	558-7	5510-7	5510-7	5510-7
26	LIFTING LUG	N/A	N/A	N/A	9510-24	9510-24	N/A

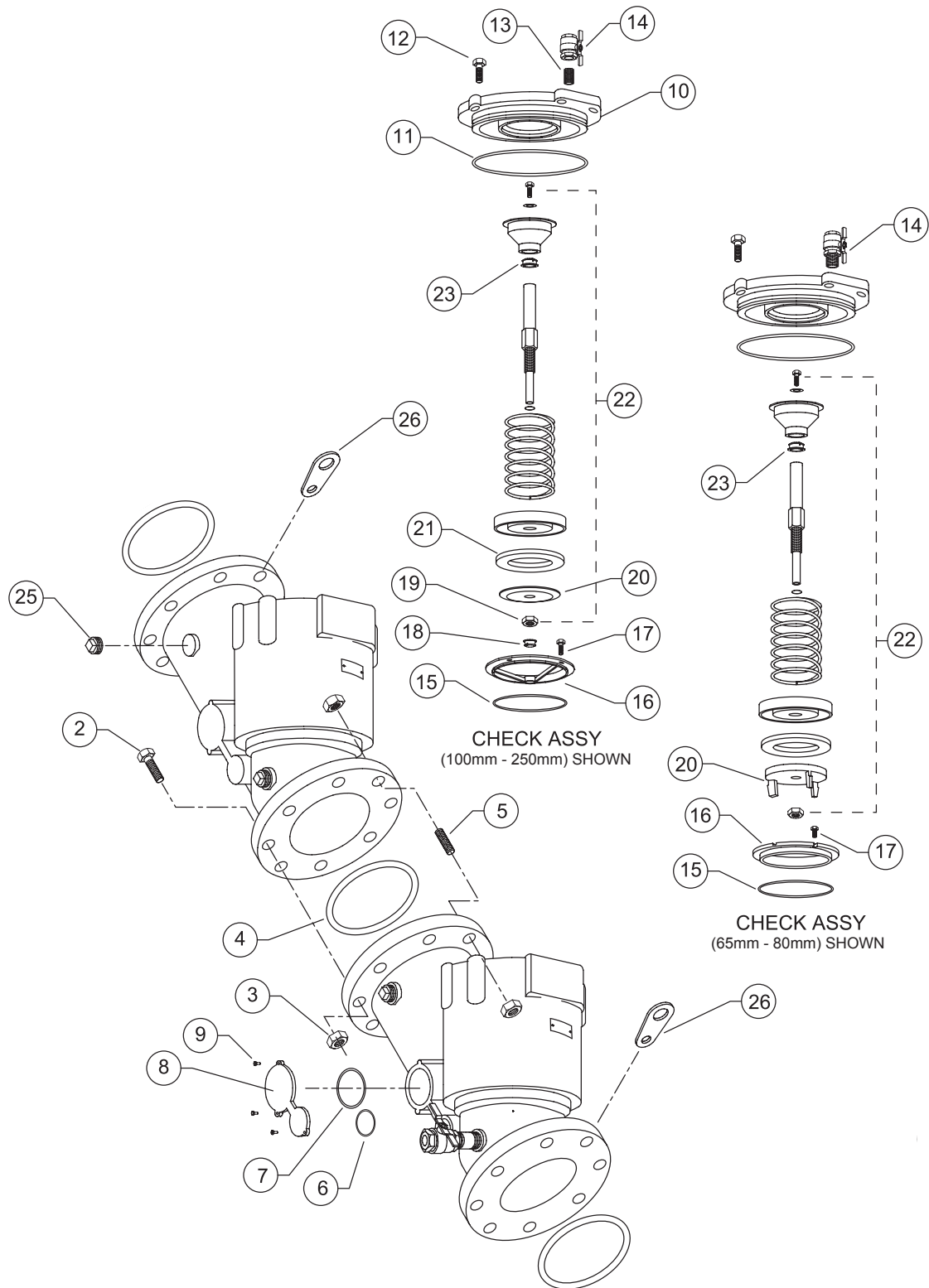
Repair Kit

RK212-950 Size 65mm & 80mm			RK6-950 Size 150mm			RK10-950 Size 250mm		
Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description
558-12	2	SEAL RING	9510-12	2	SEAL RING	9512-12	2	SEAL RING
248N	2	O-RING, COVER	374N	2	O-RING, COVER	457N	2	O-RING, COVER

RK4-950 Size 100mm			RK8-950 Size 200mm		
Part Number	Qty.	Description	Part Number	Qty.	Description
959-12	2	SEAL RING	9511-12	2	SEAL RING
264N	2	O-RING, COVER	452N	2	O-RING, COVER

MODEL 950 – 65mm to 250mm

Parts Drawing



MODEL 975XL



Reduced Pressure Principle – Backflow Preventers 8mm to 15mm

Item Number	Description	15mm
2	TEST COCK	18-860
3	CHECK COVER	971-3-010F
4	O-RING, COVER	123N
5	NO.2 CHECK SPRING	951-33
6	NO.1 CHECK SPRING	971-33
7	POPPET	951-30
8	SEAL RING	951-12S
9	SEAL RING RETAINER	951-14
10	RETAINING BOLT	951-11
11	POPPET ASSEMBLY	951-300S
12	CHECK SEAT	951-18
13	O-RING, CHECK SEAT	020N
15	O-RING, RELIEF VALVE SEAT	WK-016N
16	RELIEF VALVE SEAT	971-18
17	RELIEF VALVE SPRING	971A-33
18	RELIEF VALVE RETAINING BOLT	971-11
19	RELIEF VALVE SEAL RING RETAINER	971-14
20	RELIEF VALVE SEAL RING	971-12S
21	RELIEF VALVE LOWER PLUNGER	971-34A
22	RELIEF VALVE DIAPHRAGM	971-43
23	RELIEF VALVE UPPER PLUNGER	971-34
24	O-RING, RELIEF VALVE STEM	011N
25	RELIEF VALVE STEM ASSY.	971-50S
26	RELIEF VALVE COVER BOLTS	971-11A
	RV. & CHECK SEAT TOOL	
27	RELIEF VALVE COVER	971-3A-010F

Repair Kit, Complete

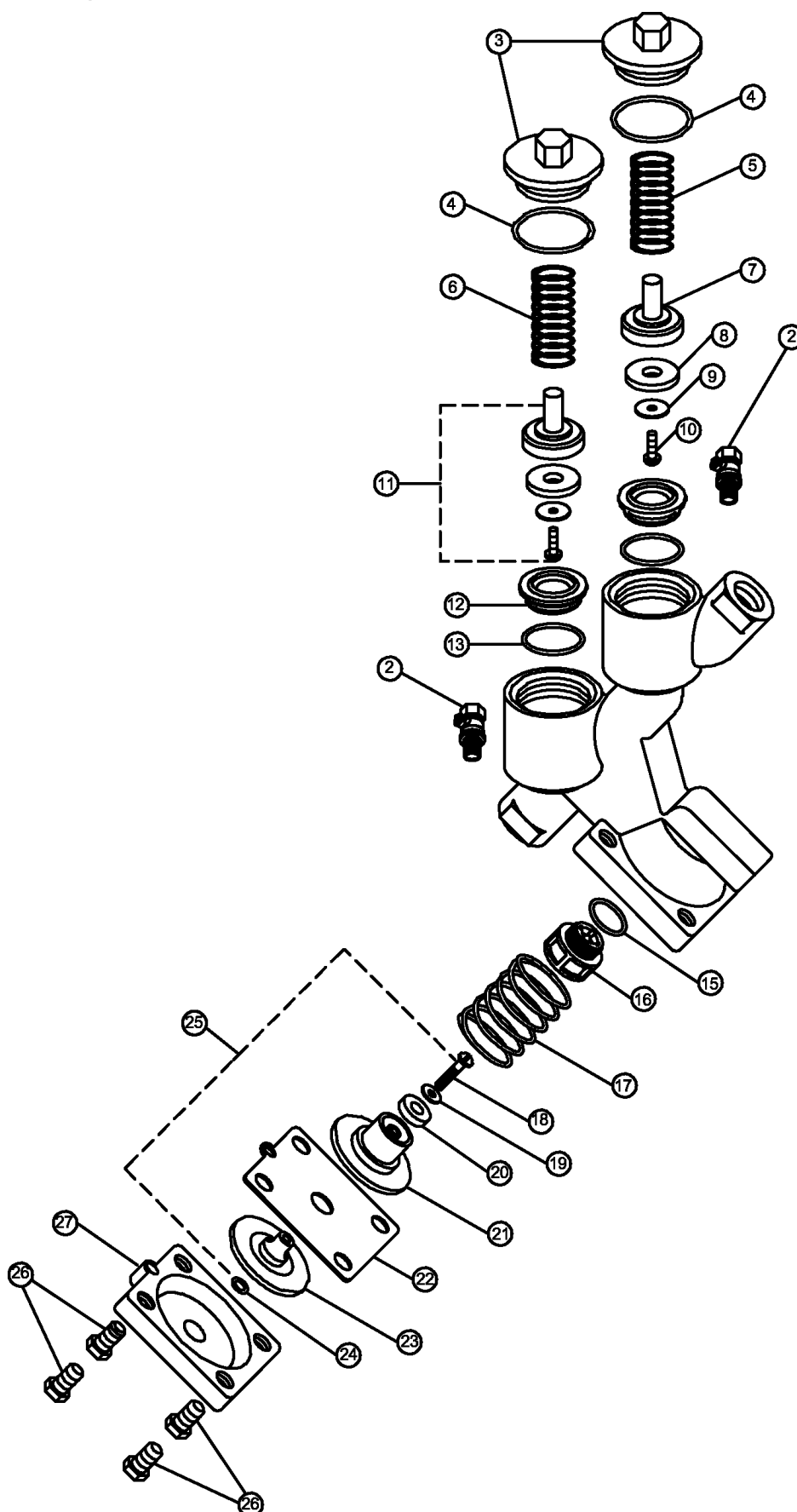
RK14-975XL		Size 15mm Only
Part Number	Qty.	Description
951-12S	2	SEAL RING
971-12S	1	RELIEF VALVE SEAL RING
971-43	1	DIAPHRAGM
123N	2	O-RING, COVER
011N	1	O-RING, RELIEF VALVE STEM
971-33	1	NO. 1 CHECK SPRING
951-33	1	NO.2 CHECK SPRING
971A-33	1	RELIEF VALVE SPRING

Repair Kit, Rubber

RK14-975XLR		Size 15mm Only
Part Number	Qty.	Description
951-12S	2	SEAL RING
971-12S	1	RELIEF VALVE SEAL RING
971-43	1	DIAPHRAGM
123N	2	O-RING, COVER
011N	1	O-RING, RELIEF VALVE STEM

MODEL 975XL – 15mm

Parts Drawing



MODEL 975XL



Reduced Pressure Principle – Backflow Preventers 20mm to 50mm

Item Number	Description	20mm	25mm	32mm	40mm	50mm
3	O-RING, CHECK SEAT	WK-125N	WK-125N	136N	136N	136N
4	CHECK SEAT	952-18S	952-18S	954-18S	954-18S	954-18S
5	RETAINING BOLT	952-11	952-11	952-11	952-11	952-11
6	SEAL RING RETAINER	952-14	952-14	954-14	954-14	954-14
7	SEAL RING	952-12S	952-12S	954-12S	954-12S	954-12S
8	POPPET	952-30-010F	952-30-010F	954-30-010F	954-30-010F	954-30-010F
9	NO.1 CHECK SPRING	972-33	972-33	5754-33	5754-33	5754-33
10	O-RING, COVER	136N	136N	153N	153N	153N
11	CHECK COVER	952-3XL2-010F	952-3XL2-010F	954-3XL2-010F	954-3XL2-010F	954-3XL2-010F
12	POPPET ASSY.	952-300S	952-300S	954-300S	954-300S	954-300S
13	NO.2 CHECK SPRING	952-33	952-33	554-33	554-33	554-33
14	TEST COCK	18-860	18-860	14-860	14-860	14-860
15	O-RING, RELIEF VALVE SEAT	WK-019N	WK-019N	029N	029N	029N
16	RELIEF VALVE SEAT	972-18	972-18	974-18	974-18	974-18
17	RELIEF VALVE SPRING	972A-33	972A-33	974A-33	974A-33	974A-33
18	RELIEF VALVE RETAINING BOLT	972-11A	972-11A	604B-11	604B-11	604B-11
19	RELIEF VALVE SEAL RING RETAINER	972-14	972-14	552-14	552-14	552-14
20	RELIEF VALVE SEAL RING	972-12S	972-12S	974-12S	974-12S	974-12S
21	RELIEF VALVE LOWER PLUNGER	972-34A	972-34A	974-34A	974-34A	974-34A
22	RELIEF VALVE DIAPHRAGM	972-43	972-43	974-43	974-43	974-43
23	RELIEF VALVE UPPER PLUNGER	972-34	972-34	974-34	974-34	974-34
24	O-RING, RELIEF VALVE STEM	WK-111N	WK-111N	121N	121N	121N
25	RELIEF VALVE STEM ASSY.	972-50S	972-50S	974-50S	974-50S	974-50S
26	RELIEF VALVE COVER BOLT	554-11A	554-11A	554-11A	554-11A	554-11A
	RV. & CHECK SEAT TOOL	972-SEATTOOL		974-SEATTOOL		
27	RELIEF VALVE COVER	972-3AXL2-010F	972-3AXL2-010F	974-3AXL2-010F	974-3AXL2-010F	974-3AXL2-010F

*INTEGRAL SUPERVISORY SWITCH OPTION AVAILABLE

Repair Kit, Complete

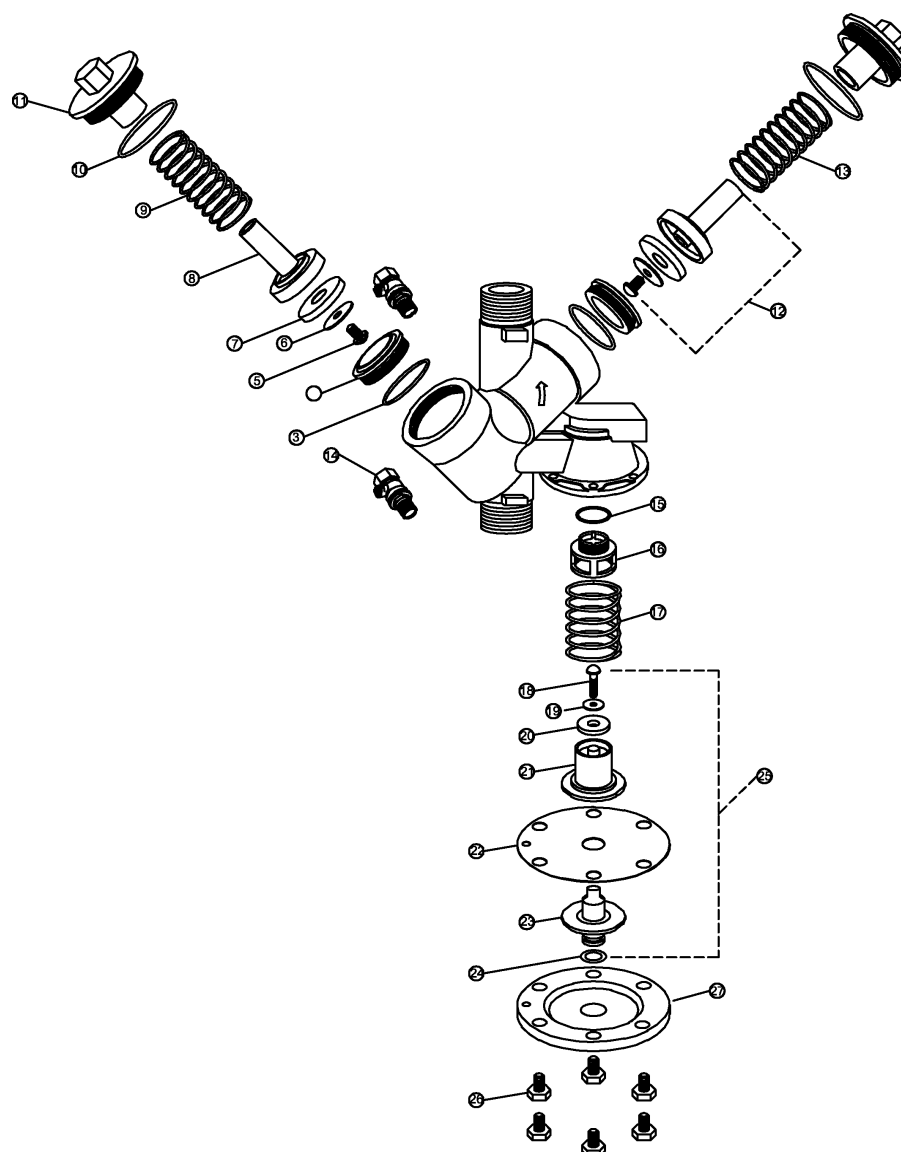
RK34-975XL Size 20mm, & 25mm Only			RK114-975XL Size 32mm, 40mm, 50mm Only		
Part Number	Qty.	Description	Part Number	Qty.	Description
952-12S	2	SEAL RING	954-12S	2	SEAL RING
972-12S	1	RELIEF VALVE SEAL RING	974-12S	1	RELIEF VALVE SEAL RING
972-43	1	DIAPHRAGM	974-43	1	DIAPHRAGM
136N	2	O-RING, COVER	153N	2	O-RING, COVER
WK-111N	1	O-RING, RELIEF VALVE STEM	121N	1	O-RING, RELIEF VALVE STEM
972-33	1	NO. 1 CHECK SPRING	5754-33	1	NO. 1 CHECK SPRING
952-33	1	NO.2 CHECK SPRING	554-33	1	NO. 2 CHECK SPRING
972A-33	1	RELIEF VALVE SPRING	974A-33	1	RELIEF VALVE SPRING

Repair Kit, Rubber

RK34-975XLR Size 20mm, & 25mm Only			RK114-975XLR Size 32mm, 40mm, 50mm Only		
Part Number	Qty.	Description	Part Number	Qty.	Description
952-12S	2	SEAL RING	954-12S	2	SEAL RING
972-12S	1	RELIEF VALVE SEAL RING	974-12S	1	RELIEF VALVE SEAL RING
972-43	1	DIAPHRAGM	974-43	1	DIAPHRAGM
136N	2	O-RING, COVER	153N	2	O-RING, COVER
WK-111N	1	O-RING, RELIEF VALVE STEM	121N	1	O-RING, RELIEF VALVE STEM

MODEL 975XL – 20mm to 50mm

Parts Drawing



Repair Kit, Seat

RK34-975XLSK Size 20mm & 25mm Only			RK114-975XLSK Size 32mm, 40mm, 50mm Only		
Part Number	Qty.	Description	Part Number	Qty.	Description
952-18S	2	CHK SEAT, 20mm XL	954-18S	2	CHK SEAT, 32mm XL
WK-125N	2	O-RING, CHECK SEAT	136N	2	O-RING, CHECK SEAT
972-18	1	CU SEAT, 20mm XL	974-18	1	CU SEAT, 32mm 975XL
WK-019N	1	O-RING, RELIEF VALVE SEAT	029N	1	O-RING, RELIEF VALVE SEAT

MODEL 375

Reduced Pressure Principle – Backflow Preventers 20mm to 25mm



Item	Description	20mm	25mm
1	WEDGE SCREW	372-11B	373-11B
2	WEDGE	372-23	373-23
3	O-RING, SLEEVE	118N	216N
4	SLEEVE	372-2	373-2
5	O-RING, #1 CHECK SEAT	124N	225N
6	#1 CHECK SEAT	372-18A	373-18A
7	POPPET SCREW	30-11	952-11
8	CHECK SEAL RETAINER	372-14A	373-14A
9	CHECK SEAL RING	372-12A	373-12A
10	POPPET	372-30	373-30
11	#1 CHECK SPRING	372-33A	373-33A
12	#1CHECK SPRING RETAINER	372A-80A	373A-80A
13	O-RING, #2 CHECK SEAT	124N	223N
14	#2 CHECK SEAT	372-18B	373-18B
15	#2 CHECK SPRING	372-33B	373-33B
16	#2 CHECK SPRING RETAINER	372A-80B	373A-80B
17	O-RING, HOUSING INLET	130N	227N
18	TEST COCK	18-860	18-860
19	CHECK HOUSING	372-1	373-1
20	O-RING, HOUSING OUTLET	119N	218N
21	O-RING, RV COVER	010N	010N
22	O-RING, RV SEAT	WK-018N	WK-018N
23	RELIEF VALVE SEAT	372-18	372-18
24	RELIEF VALVE SPRING	372-33CU	372-33CU
25	RV SEAL RETAINING SCREW	372-11C	372-11C
26	RV SEAL RING	372-12	372-12
27	RV LOWER PLUNGER	372-34A	372-34A
28	DIAPHRAGM	372-43	372-43
29	RV UPPER PLUNGER	372-34	372-34
30	O-RING, RV STEM	015N	015N
31	RELIEF VALVE COVER	372-3	373-3
32	RV COVER SCREW, SHORT	372-11B	372-11B
	RV COVER SCREW, LONG	372-11	N/A
35	#1 CHECK ASSEMBLY	372-300A	373-300A
36	#2 CHECK ASSEMBLY	372-300B	373-300B
37	RELIEF VALVE STEM ASSY	372-50	372-50
38	COMPLETE VESSEL ASSY	RK34-375V	RK1-375V

Repair Kit

REPAIR KIT, COMPLETE		RK34-375 20mm 375		RK1-375 25mm 375	
Description	Part Number	Qty.	Part Number	Qty.	
#1 CHECK ASSEMBLY	372-300A	1	373-300A	1	
#2 CHECK ASSEMBLY	372-300B	1	373-300B	1	
RELIEF VALVE STEM ASSY	372-50	1	372-50	1	
O-RING, SLEEVE	118N	1	216N	1	
O-RING, HOUSING INLET	130N	1	227N	1	
O-RING, HOUSING OUTLET	119N	1	218N	1	
O-RING, RV COVER	010N	1	010N	1	
O-RING, RV SEAT	WK-018N	1	WK-018N	1	
RELIEF VALVE SEAT	372-18	1	372-18	1	
RELIEF VALVE SPRING	372-33CU	1	372-33CU	1	

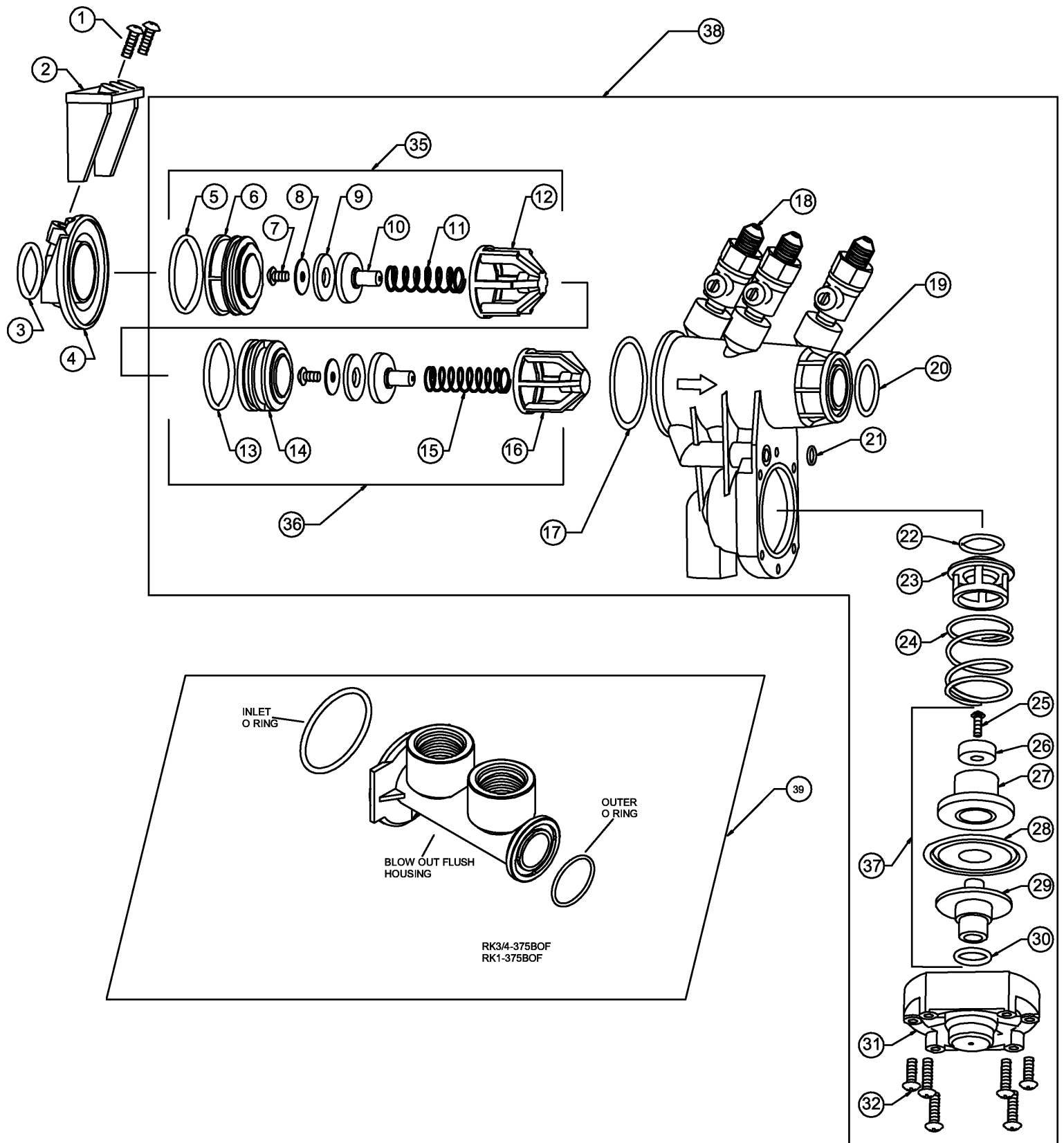
REPAIR KIT, RUBBER ONLY	RK34-375R 20mm 375		RK1-375R 25mm 375	
Description	Part Number	Qty.	Part Number	Qty.
O-RING, #1 CHECK SEAT	124N	1	225N	1
O-RING, #2 CHECK SEAT	124N	1	223N	1
CHECK SEAL RING	372-12A	2	373-12A	2
O-RING, SLEEVE	118N	1	216N	1
O-RING, HOUSING INLET	130N	1	227N	1
O-RING, HOUSING OUTLET	119N	1	218N	1
O-RING, RV COVER	010N	1	010N	1
O-RING, RV SEAT	WK-018N	1	WK-018N	1
RELIEF VALVE SEAL RING	372-12	1	372-12	1
DIAPHRAGM	372-43	1	372-43	1
O-RING, RV STEM	015N	1	015N	1

REPAIR KIT, VESSEL ASSY		RK34-375V 20mm 375		RK1-375V 25mm 375	
Description	Part Number	Qty.	Part Number	Qty.	
VESSEL W/CHECKS AND RV	ITEM 38	1	ITEM 38	1	

REPAIR KIT, WEDGE ASSY		RK34-375W 20mm 375		RK1-375W 25mm 375	
Description	Part Number	Qty.	Part Number	Qty.	
O-RING, SLEEVE	118N	1	216N	1	
SLEEVE	372-2	1	373-2	1	
WEDGE	372-23	1	373-23	1	
WEDGE SCREW	372-11B	2	373-11B	2	

MODEL 375 – 20mm to 25mm

Parts Drawing



MODEL 375

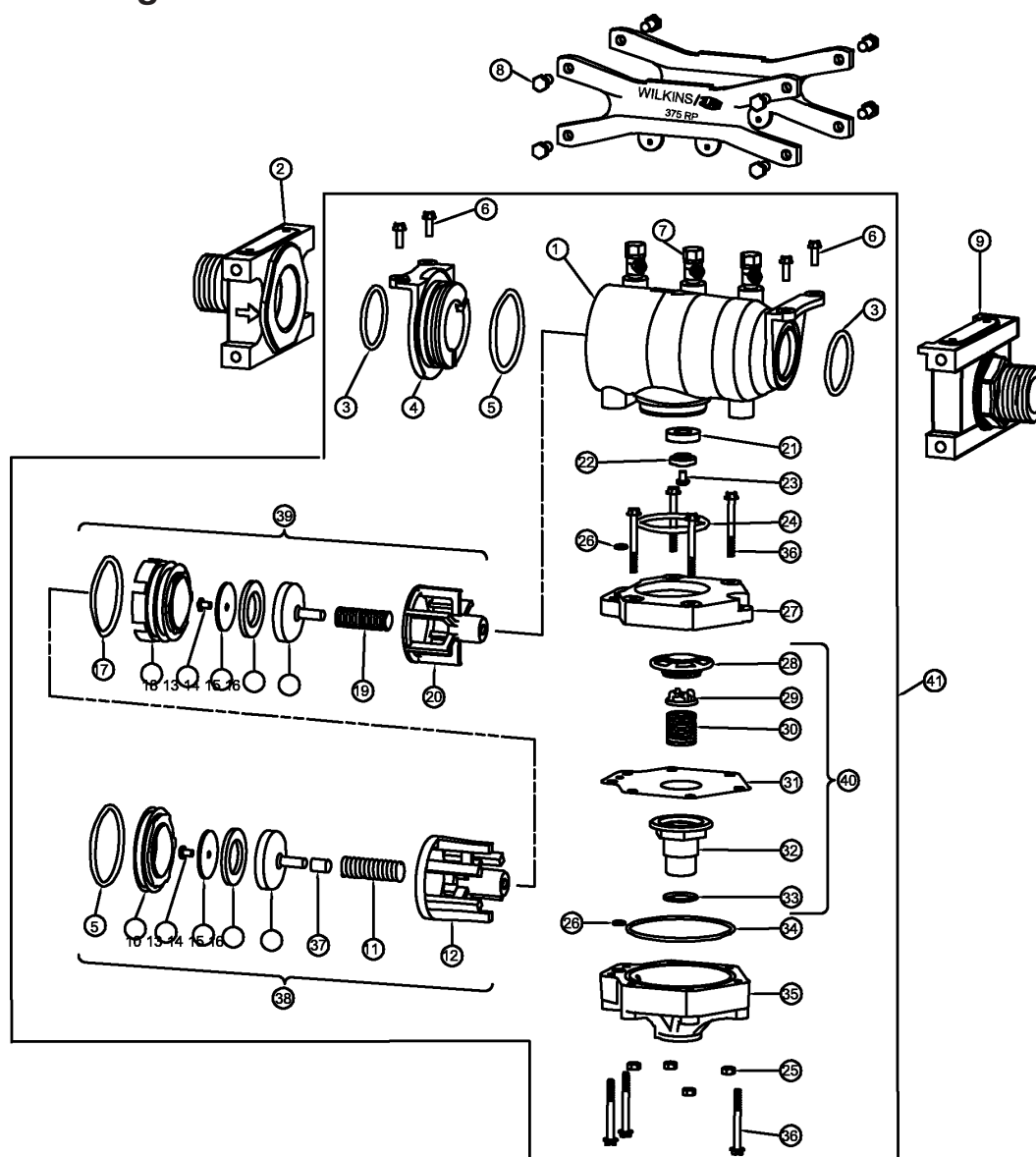


Reduced Pressure Principle – Backflow Preventers 32mm to 50mm

Item Number	Description	32mm	40mm	50mm
1	HOUSING		374-1	374-1
2	INTEGRAL INLET BV	374-48A	375-48A	376-48A
3	O-RING	331N	331N	331N
4	SLEEVE	374-2	374-2	374-2
5	O-RING	337N	337N	337N
6	BOLT	352-11	352-11	352-11
7	TEST COCKS	14-860	14-860	14-860
8	BOLT	959-11B	959-11B	959-11B
9	INTEGRAL OUTLET BV	374-48B	375-48B	376-48B
10	SEAT, #1	374-18A	374-18A	374-18A
11	SPRING, #1	374-33A	374-33A	374-33A
12	SPRING RETAINER, #1	374-80A	374-80A	374-80A
13	BOLT	374-11A	374-11A	374-11A
14	SEAL RETAINER	374-14A	374-14A	374-14A
15	SEAL WASHER	374-12A	374-12A	374-12A
16	POPPET	374-30	374-30	374-30
17	O-RING	336N	336N	336N
18	SEAT, #2	374-18B	374-18B	374-18B
19	SPRING, #2	374-33B	374-33B	374-33B
20	SPRING RETAINER, #2	374-80B	374-80B	374-80B
21	SEAL WASHER	374-12	374-12	374-12
22	SEAL RETAINER	374-14CU	374-14CU	374-14CU
23	BOLT	952-11	952-11	952-11
24	O-RING	334N	334N	334N
25	NUT	5752-9	5752-9	5752-9
26	O-RING	WK-109N	WK-109N	WK-109N
27	BODY, RV	374-1CU	374-1CU	374-1CU
28	SEAT, RV	374-18CU	374-18CU	374-18CU
29	SPRING GUIDE	374-80CU	374-80CU	374-80CU
30	SPRING, RV	374-33CU	374-33CU	374-33CU
31	DIAPHRAGM	374-43	374-43	374-43
32	PLUNGER, RV	374-34	374-34	374-34
33	O-RING	123N	123N	123N
34	O-RING	243N	243N	243N
35	COVER	374-3	374-3	374-3
36	BOLT	374-11	374-11	374-11
37	SPACER	374-2A	374-2A	–
38	#1 CHECK ASSY	374-300A	374-300A	374-300A
39	#2 CHECK ASSY	374-300B	374-300B	374-300B
40	RELIEF VALVE STEM ASSY	374-50	374-50	374-50
41	VESSEL W/CHECKS & RV	RK114-375V	RK114-375V	RK114-375V

MODEL 375 – 32mm to 50mm

Parts Drawing



Repair Kit

RK114-375R Size 32mm - 50mm				RK114-375 Size 32mm - 50mm				RK114-375V Size 32mm - 50mm		
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description	Item	Qty.	Description
3	331N	2	O-RING	3	331N	2	O-RING	42	1	VESSEL W/CHECKS & RV
5	337N	2	O-RING	5	337N	1	O-RING			
16	374-12A	2	SEAL WASHER	39	374-300A	1	#1 CHECK ASSY			
18	336N	1	O-RING	40	374-300B	1	#2 CHECK ASSY			
22	374-12	1	SEAL WASHER	22	374-12	1	SEAL WASHER			
25	334N	1	O-RING	23	374-14CU	1	SEAL RETAINER			
27	WK-109N	2	O-RING	25	334N	1	O-RING			
32	374-43	1	DIAPHRAGM	27	WK-109N	2	O-RING			
34	123N	1	O-RING	35	243N	1	O-RING			
35	243N	1	O-RING	41	374-50	1	RELIEF VLV. STEM ASSY			

MODEL 375, 475 & 475V

Lead-Free* Reduced Pressure Principle – Backflow Preventers 65mm & 80mm



**This product contains a weighted average lead content less than 0.25% for wetted surfaces.*

Item Number	Description	65mm	80mm
2	BOLT, FLANGE	558-11D	558-11D
4	GASKET, FLANGE	557-13	558-13
5	O-RING, CONTROL UNIT	032N	032N
6	RELIEF VALVE ASSY	3707-CU-XL	3707-CU-XL
7	BOLT, RELIEF VALVE	554-11A	554-11A
8	SEAT RETAINER #2	3507-14G	3507-14G
9	SEAT RETAINER #1	3507-14F	3507-14F
10	COVER	3507-3C	3507-3C
11	COVER RETAINER ASSY	5-23	5-23
12	BULKHEAD FITTING ASSY	BHF1CXL-100	BHF1CXL-100
13	BALL VALVE	12-850XL	12-850XL
14	COUPLING	12-51	12-51
16	PLUG	558-7	558-7
17	O-RING	245N	245N
18	NUT, POPPET RETAINER	3507-9	3507-9
19	HANDLE, #1 POPPET ASSY	3507-14E	3507-14E
20	WASHER	3507-14D	3507-14D
21	O-RING	WK-111N	WK-111N
22	POPPET RETAINER	3507-14	3507-14
23	SEAL RING	3507-12	3507-12
24	SEAT ASSEMBLY, #1 POPPET	3707-180	3707-180
25	SEAT ASSEMBLY, #2 POPPET	3507-180A	3507-180A
26	#1 CHECK ASSEMBLY	3707-300	3707-300
27	#2 CHECK ASSEMBLY	3507-300A	3507-300A
28	BULKHEAD FITTING ASSY	BHF1BXL-100	BHF1BXL-100
29	SENSING TUBE FITTING, CU COVER	5758A-36	5758A-36
30	SENSING TUBE FITTING, BODY	3709-29	3709-29
31	SENSING TUBE	3707-36	3707-36
32	BALL VALVE	12-850MXL	12-850MXL
33	BULKHEAD FITTING, GASKET	BHF1-13	BHF1-13
34	GASKET, COVER RETAINER	5-23-13	5-23-13

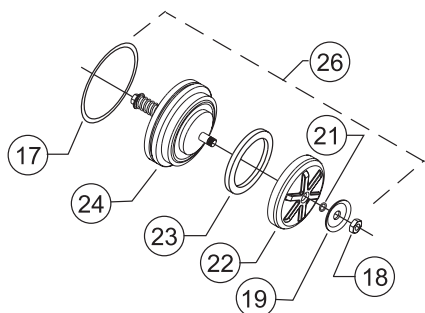
Repair Kit

RK212-350 **Size 65, 80mm**

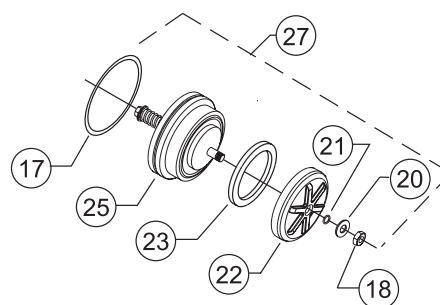
Part Number	Qty.	Description
3507-12	2	SEAL RING
245N	2	O-RING
WK-111N	2	O-RING

MODEL 375, 475 & 475V – 65mm & 80mm

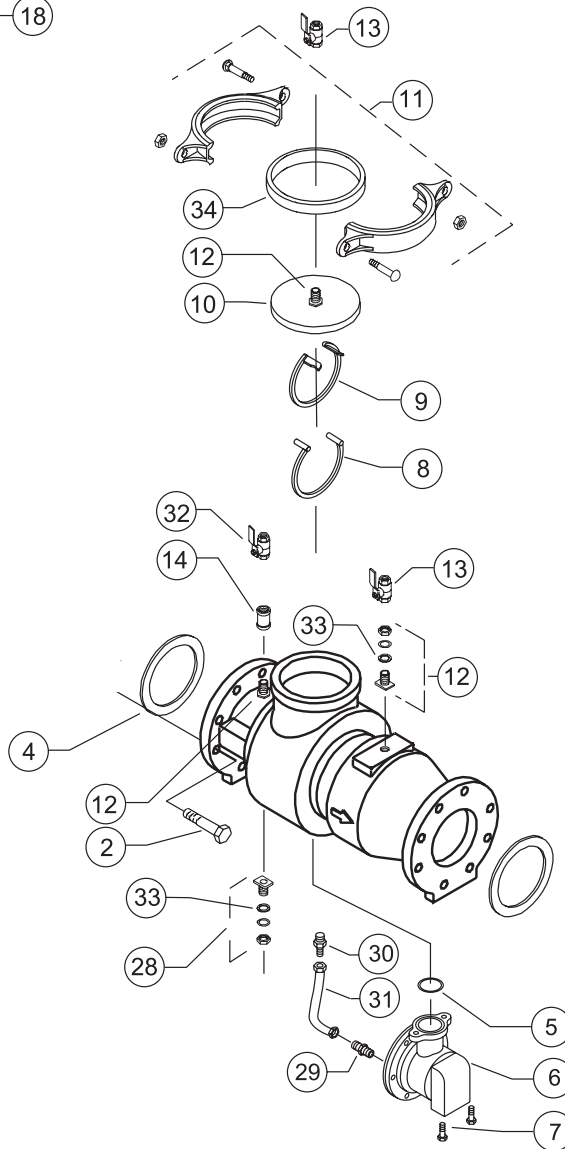
Parts Drawing



#1 CHECK ASSEMBLY
(375 & 475 65mm - 80mm)



#2 CHECK ASSEMBLY
(375 & 475 65mm - 80mm)



MODEL 375
(65mm - 80mm)

MODEL 375A & 375



Lead-Free* Reduced Pressure Principle –

Backflow Preventers 375A (100mm to 250mm) & 375 (100mm to 250mm)

*This product contains a weighted average lead content less than 0.25% for wetted surfaces.

Item Number	Description	100mm	150mm	200mm	250mm
2	BOLT, FLANGE	559-11	5510-11	9511-11B	9512-11B
4	GASKET, FLANGE	559-13	5510-13	9511-13	9512-13
5	O-RING, CONTROL UNIT	032N	032N	142N	142N
6	RELIEF VALVE ASSY	3707-CU-XL	3707-CU-XL	3711-CU-XL	3711-CU-XL
7	BOLT, RELIEF VALVE	554-11A	554-11A	957-11	957-11
8	SEAT RETAINER #2	3509-140	3510-140	3511-14DSS	3511-14DSS
9	SEAT RETAINER #1	3509-14B	3510-14B	3511-9 (NUT)	3511-9 (NUT)
10	COVER	3509-3C	3510-3C	3511-3C	3511-3C
11	COVER RETAINER ASSY	6-23	8-23	12-23	12-23
12	BULKHEAD FITTING ASSY	BHF1CXL-100	BHF2BXL-100	BHF2BXL-100	BHF2BXL-100
13	BALL VALVE	12-850XL	34-850XL	34-850XL	34-850XL
14	COUPLING	12-51	557-51	557-51	557-51
16	PLUG	558-7	5510-7	5510-7	5510-7
17	O-RING	353N	364N	273N	273N
18	BOLT, POPPET RETAINER	558-11E	5510-11A	3511-11	3511-11
19	HANDLE, #1 POPPET ASSY	3509-6	3510-6	N/A	N/A
20	WASHER	3509-14C	3510-14C	3510-14C	3510-14C
21	O-RING	WK-109N	204N	204N	204N
22	POPPET RETAINER	3509-14	3510-14	3511-14	3511-14
23	SEAL RING	3509-12	3510-12	3511-12	3511-12
24	SEAT ASSEMBLY, #1 POPPET	3709-180	3710-180	3712-180	3712-180
25	SEAT ASSEMBLY, #2 POPPET	3509-180	3510-180	3512-180B	3512-180B
26	#1 CHECK ASSEMBLY	3709-300	3710-300	3712-300	3712-300
27	#2 CHECK ASSEMBLY	3509-300B	3510-300B	3512-300B	3512-300B
28	BULKHEAD FITTING ASSY	BHF1BXL-100	BHF1BXL-100	BHF2CXL-100	BHF2CXL-100
29	SENSING TUBE FITTING	5758A-36	5758A-36	5758A-36	5758A-36
30	PITOT TUBE ASSY	3709-360	3709-360	3711-360	3711-360
31	SENSING TUBE	3709-36	3710-36	4710-36	4710-36
32	BALL VALVE	12-850MXL	34-850XL	34-850XL	34-850XL
33	BULKHEAD FITTING, GASKET	BHF1-13	BHF1-13	BHF1-13	BHF1-13
34	LIFTING LUG	N/A	9510-24	9510-24	N/A
35	GASKET, COVER RETAINER	6-23-13	8-23-13	12-23-13	12-23-13
36	WASHER	N/A	N/A	3511-14E	3511-14E
37	NIPPLE, LONG	N/A	5510-21B	5510-21B	5510-21B
38	GROOVED COUPLING	4-23	6-23	8-23	10-23
39	COUPLING GASKET	4-23-13	6-23-13	8-23-13	10-23-13

Repair Kit

RK4-350			Size 65mm- 100mm			RK6-350			Size 150mm			RK8-350			Size 200mm, 250mm		
Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description
3509-12	2	SEAL RING	3510-12	2	SEAL RING	3511-12	2	SEAL RING									
353N	2	O-RING	364N	2	O-RING	273N	2	O-RING									
WK-109N	8	O-RING	204N	8	O-RING	204N	12	O-RING									

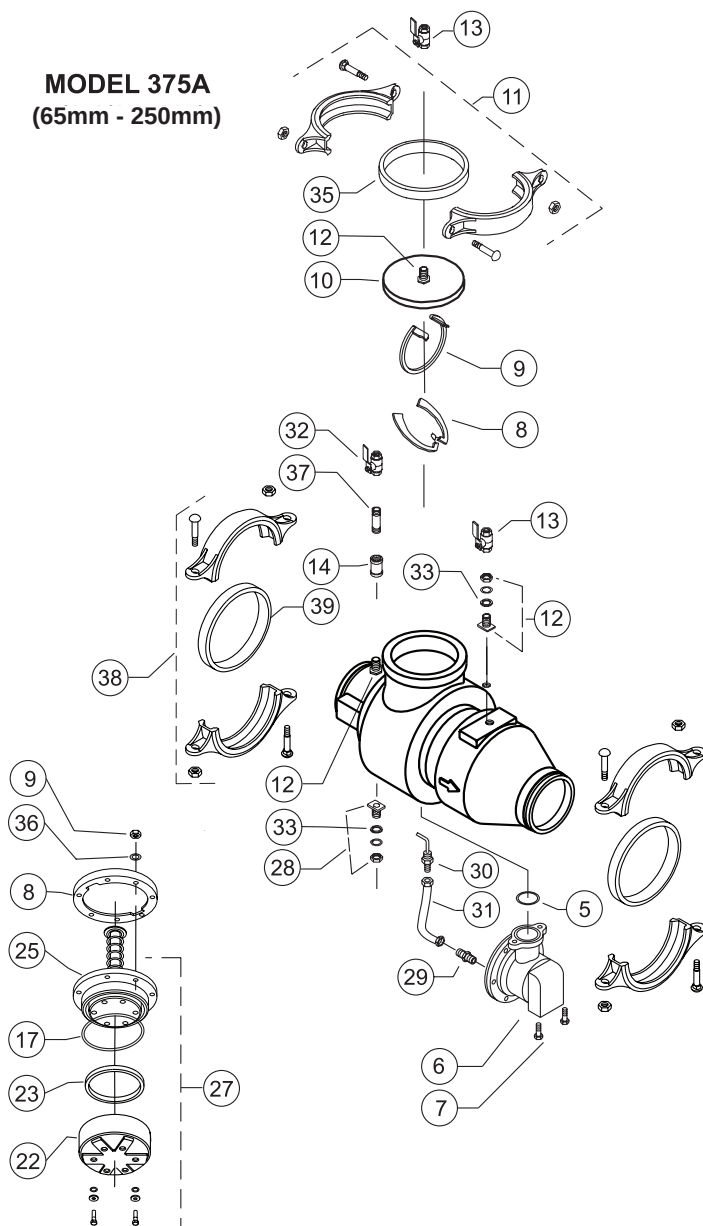
MODEL 375A – 100mm to 250mm

MODEL 375 – 100mm to 250mm

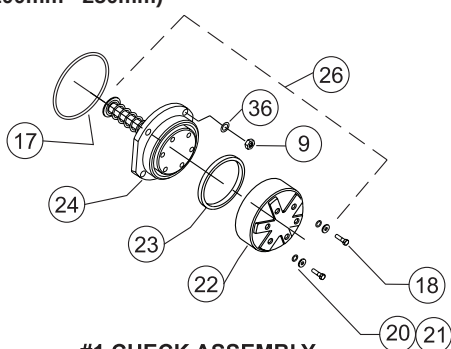
Parts Drawing



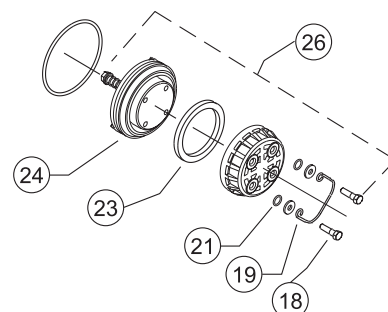
MODEL 375A
(65mm - 250mm)



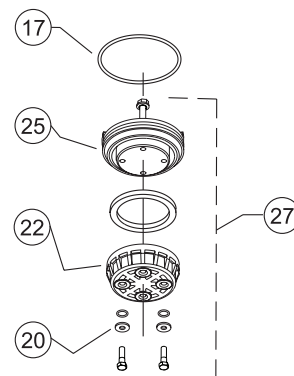
#2 CHECK ASSEMBLY
(375 & 375A 200mm - 250mm)



#1 CHECK ASSEMBLY
(375 & 375A 200mm - 250mm)

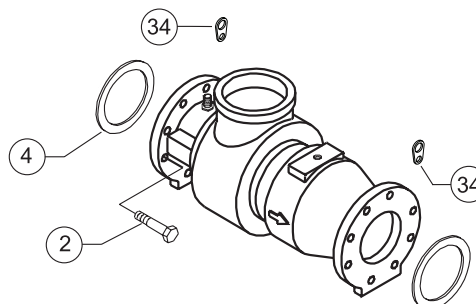


#1 CHECK ASSEMBLY
(375 100mm - 150mm)
(375A 100mm - 150mm)



#2 CHECK ASSEMBLY
(375 100mm - 150mm)
(375A 100mm - 150mm)

MODEL 375 (100mm - 250mm)



MODEL 475



Lead-Free* Reduced Pressure Principle – Backflow Preventers 100mm to 250mm

**This product contains a weighted average lead content less than 0.25% for wetted surfaces.*

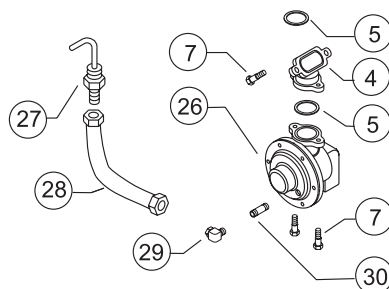
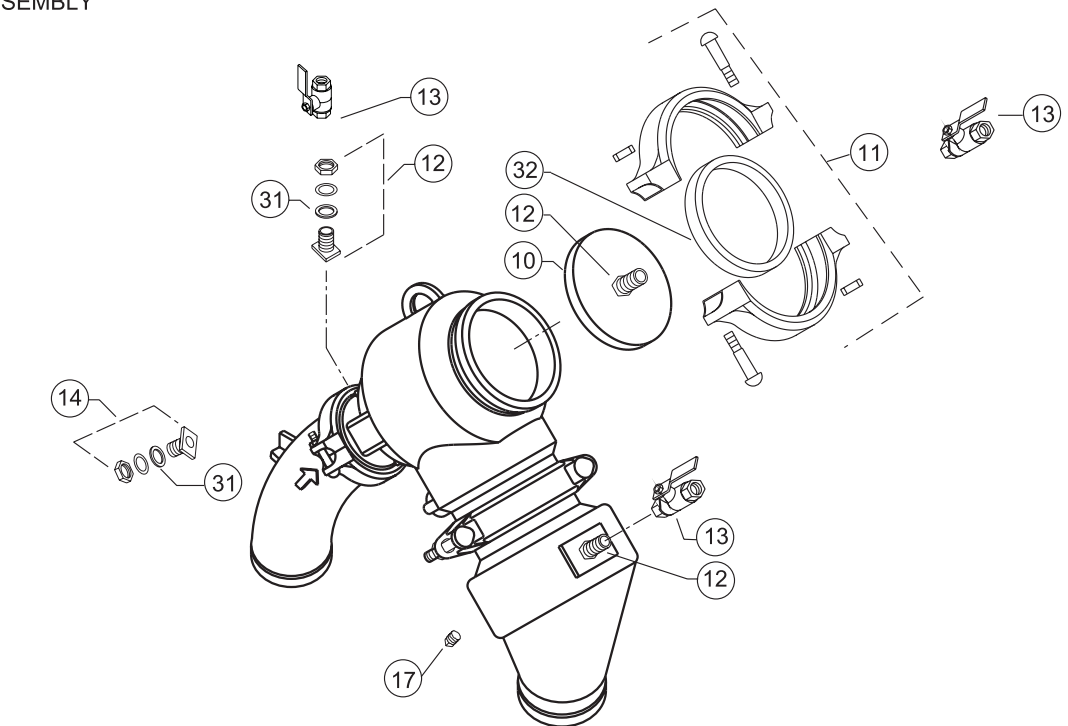
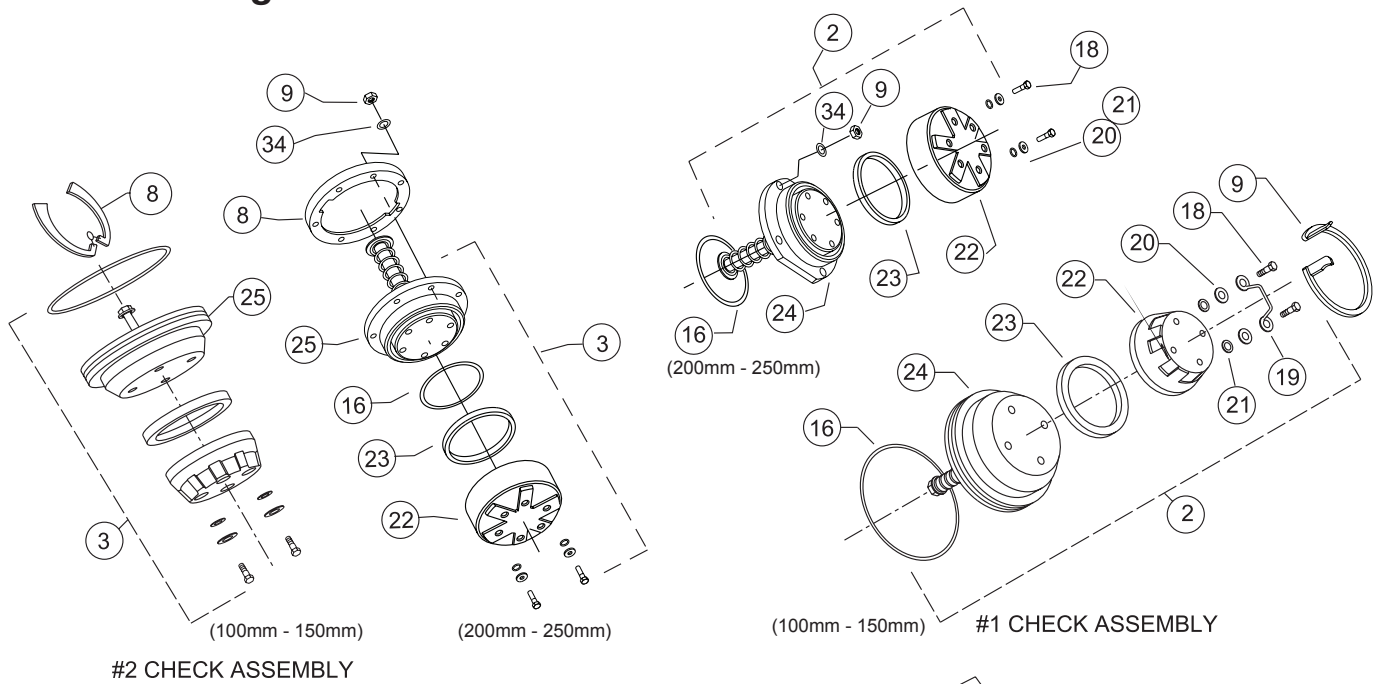
Item Number	Description	100mm	150mm	200mm	250mm
2	#1 CHECK ASSEMBLY	3709-300	3710-300	3712-300	3712-300
3	#2 CHECK ASSEMBLY	3509-300B	3510-300B	3512-300B	3512-300B
4	RV ELBOW	4707-52XL-010F	4707-52XL-010F	4711-52XL-010F	4711-52XL-010F
5	O-RING, ELBOW	032N	032N	142N	142N
7	BOLT	554-11A	554-11A	957-11	957-11
8	SEAT RETAINER ASSEMBLY #2	3509-140	3510-140	3511-14DSS	3511-14DSS
9	SEAT RETAINER #1	3509-14B	3510-14B	3511-9 (NUT)	3511-9 (NUT)
10	COVER	3509-3C	3510-3C	3511-3C	3511-3C
11	COVER RETAINER ASSEMBLY	6-23	8-23	12-23	12-23
12	BULKHEAD FITTING ASSEMBLY	BHF1CXL-100	BHF2BXL-100	BHF2BXL-100	BHF2BXL-100
13	BALL VALVE	12-850XL	34-850XL	34-850XL	34-850XL
14	BULKHEAD FITTING ASSEMBLY	BHF1BXL-100	BHF1BXL-100	BHF2CXL-100	BHF2CXL-100
16	O-RING, SEAT ASSEMBLY	353N	364N	273N	273N
17	PLUG/CAP	558-7	34-3B	558-7	558-7
18	BOLT, POPPET RETAINER	558-11E	5510-11A	3511-11	3511-11
19	HANDLE, #1 POPPET ASSY	3509-6	3510-6	N/A	N/A
20	WASHER	3509-14C	3510-14C	3510-14C	3510-14C
21	O-RING	WK-109N	204N	204N	204N
22	POPPET RETAINER	3509-14	3510-14	3511-14	3511-14
23	SEAL RING	3509-12	3510-12	3511-12	3511-12
24	SEAT ASSEMBLY, #1 POPPET	3709-180	3710-180	3712-180	3712-180
25	SEAT ASSEMBLY, #2 POPPET	3509-180	3510-180	3512-180B	3512-180B
26	RELIEF VALVE ASSEMBLY	3707-CU-XL	3707-CU-XL	3711-CU-XL	3711-CU-XL
27	PITOT TUBE ASSEMBLY	57510-360	57510-360	57510-360	57510-360
28	SENSING TUBE	3710-36	3710-36	4710-36	4710-36
29	ELBOW	3707-38B	3707-38B	3707-38B	3707-38B
30	NIPPLE	14X1.5-21B	14X1.5-21B	14X1.5-21B	14X1.5-21B
31	BULKHEAD FITTING, GASKET	BHF1-13	BHF1-13	BHF1-13	BHF1-13
32	GASKET, COVER RETAINER	6-23-13	8-23-13	12-23-13	12-23-13
34	WASHER	N/A	N/A	3511-14E	3511-14E

Repair Kit

RK4-350			Size 100mm			RK6-350			Size 150mm			RK8-350			Size 200mm, 250mm		
Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description
3509-12	2	SEAL RING	3510-12	2	SEAL RING	3511-12	2	SEAL RING									
353N	2	O-RING	364N	2	O-RING	273N	2	O-RING									
WK-109N	8	O-RING	204N	8	O-RING	204N	12	O-RING									

MODEL 475 – 100mm to 250mm

Parts Drawing



MODEL 975



Reduced Pressure Principle – Backflow Preventers 65mm to 250mm

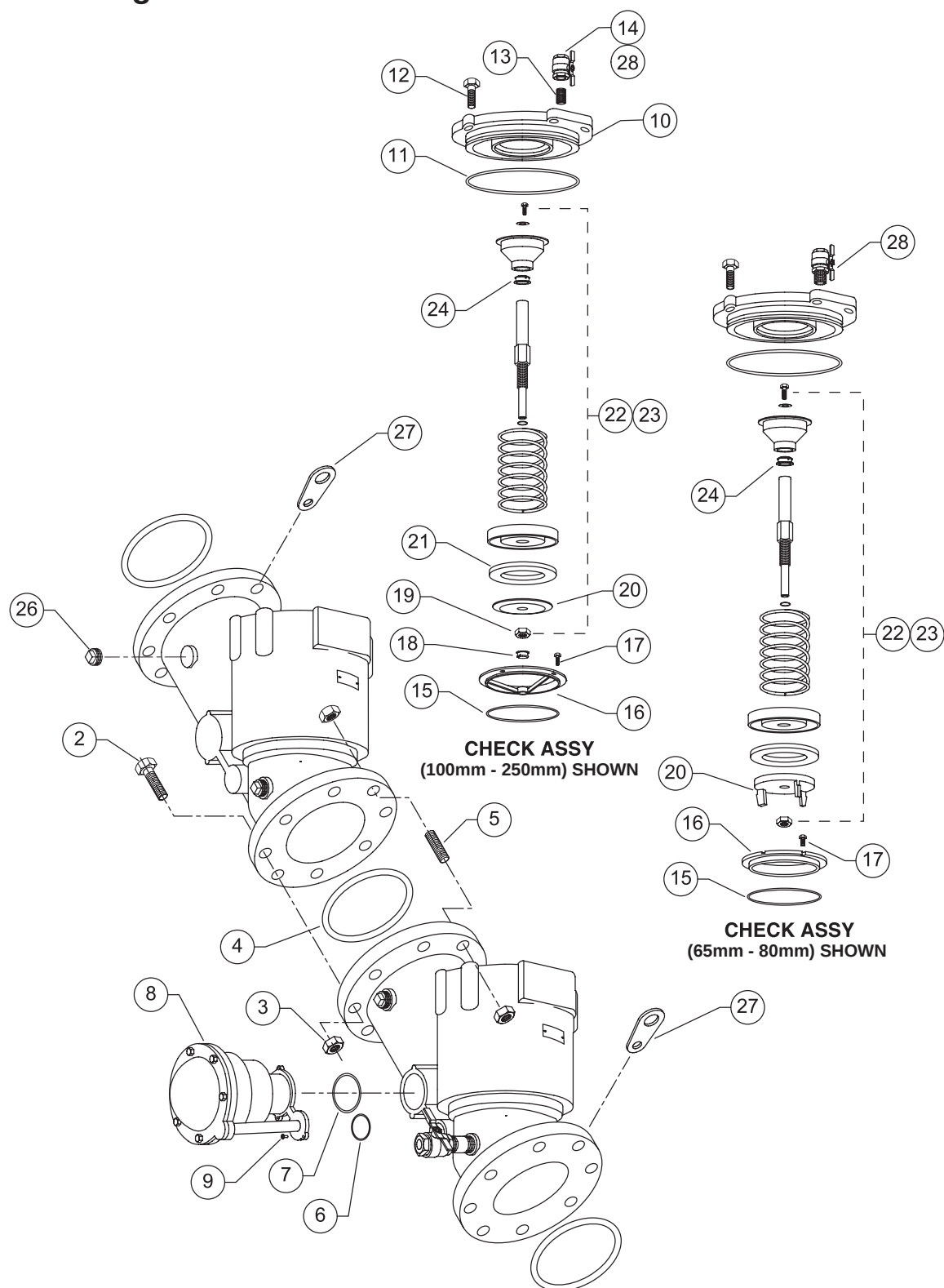
Item Number	Description	65mm	80mm	100mm	150mm	200mm	250mm
2	BOLT, FLANGE	558-11D	558-11D	559-11	5510-11	9511-11B	9512-11B
3	NUT, FLANGE	558-9	558-9	558-9	5510-9	5510-9	9512-9A
4	GASKET, FLANGE	557-13	558-13	559-13	5510-13	9511-13	9512-13
5	STUD, FLANGE	959-11A	959-11A	959-11A	9511-11A	9511-11A	N/A
6	O-RING, SMALL	022N	022N	022N	022N	022N	022N
7	O-RING, LARGE	033N	033N	033N	033N	036N	036N
8	RELIEF VALVE	977-CU	977-CU	977-CU	977-CU	9711-CU	9711-CU
9	BOLT, RELIEF VALVE	554-11A	554-11A	554-11A	554-11A	554-11A	554-11A
10	COVER	957-3C	957-3C	959-3C	9510-3C	9511-3C	9512-3C
11	O-RING, COVER	248N	248N	264N	374N	452N	457N
12	BOLT, COVER	957-11	957-11	959-11	9510-11	9511-11	9512-11
13	NIPPLE, SHORT	N/A	N/A	N/A	102-21B	102-21B	102-21B
14	BALL VALVE	12-850	12-850	12-850	34-850	34-850	34-850
15	O-RING, SEAT	238N	238N	252N	366N	374N	379N
16	SEAT	957-18-010F	957-18-010F	959-18-010F	9510-18-010F	9511-18-010F	9512-18-010F
17	BOLT, SEAT	5752-11	5752-11	959-11B	959-11B	959-11B	959-11B
18	LOWER STEM GUIDE	N/A	N/A	959-2	957-2	9511-2	9512-2
19	NUT, STEM	957-9	957-9	959-9	9511-9	9511-9	9512-9
20	RETAINING PLATE	957-31-010F	957-31-010F	959-14-010F	9510-14-010F	9511-14-010F	9512-14-010F
21	SEAL RING	558-12	558-12	959-12	9510-12	9511-12	9512-12
22	NO.1 POPPET ASSEMBLY	977-300	977-300	979-300	9710-300	9711-300	9712-300
23	NO.2 POPPET ASSEMBLY	957-300	957-300	959-300	9510-300	9511-300	9512-300
24	UPPER STEM GUIDE	957-2	957-2	957-2	9510-2	9511-2A	9512-2A
26	PLUG	558-7	558-7	558-7	5510-7	5510-7	5510-7
27	LIFTING LUG	N/A	N/A	N/A	9510-24	9510-24	N/A
28	BALL VALVE	12-850M	12-850M	12-850M	34-850	34-850	34-850

Repair Kit

RK212-950			Size 65mm & 80mm			RK6-950			Size 150mm			RK10-950			REPAIR KIT MODELS 950/975, 250mm		
Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description
558-12	2	SEAL RING	9510-12	2	SEAL RING	9512-12	2	SEAL RING				9512-12	2	SEAL RING			
248N	2	O-RING, COVER	374N	2	O-RING, COVER							457N	2	O-RING, COVER			
RK4-950			Size 100mm			RK8-950			Size 200mm								
Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description						
959-12	2	SEAL RING				9511-12	2	SEAL RING									
264N	2	O-RING, COVER				452N	2	O-RING, COVER									

MODEL 975 – 65mm to 250mm

Parts Drawing



MODEL 375, 375A, 375AST, 475 & 475V

Relief Valve – 65mm to 250mm



RELIEF VALVE COMPLETE

3707-CU-XL

3711-CU-XL

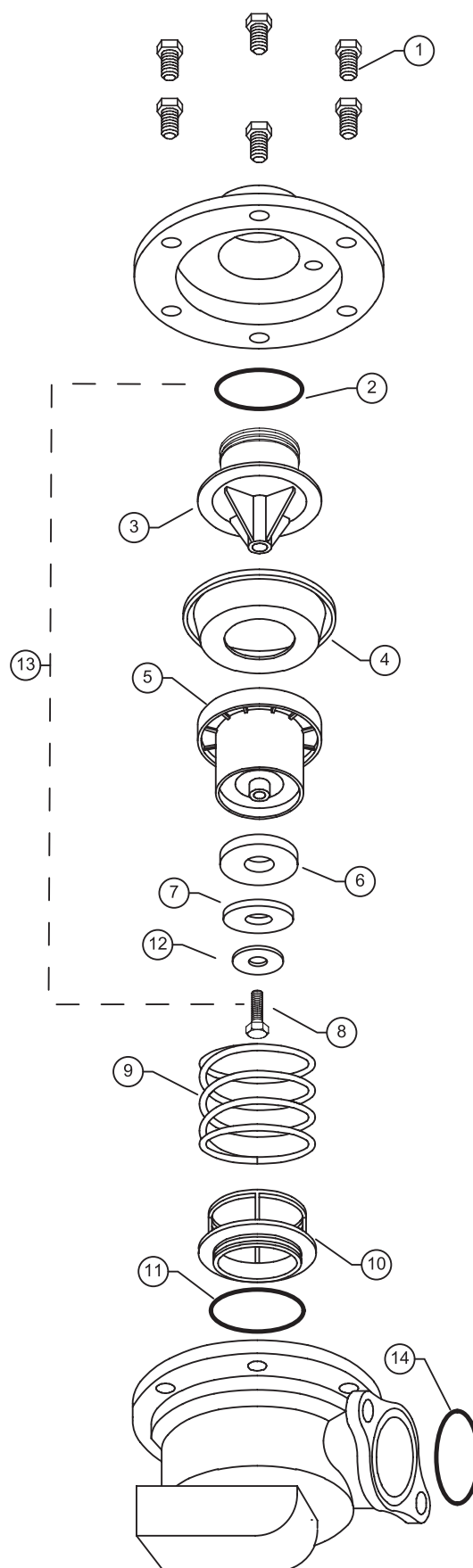
Item Number	Description	Qty.	65mm-150mm	Qty.	200mm & 250mm
1	BOLT, COVER	6	554-11A	8	957-11
2	O-RING	1	222N	1	227N
3	UPPER PLUNGER	1	3707-34	1	3711-34
4	DIAPHRAGM	1	3707-43	1	3711-43
5	LOWER PLUNGER	1	3707-34A	1	3711-34A
6	SEAL RING	1	3707-12	1	3711-12
7	SEAL RETAINER	1	3707-14	1	3711-14
8	SCREW	1	558-11E	1	558-11E
9	CU SPRING	1	3707-33A	1	3711A-33
10	CU SEAT	1	3707-18	1	3711-18
11	O-RING	1	032N	1	146N
12	WASHER	1	N/A	1	3707-14
13	STEM ASSY.	1	3707-50	1	3711-50
14	O-RING	1	032N	1	142N

Repair Kit, Rubber

Item Number	Description	Qty.	Size 65mm-150mm	Size 200mm & 250mm
			Part Number	Part Number
6	SEAL RING	1	3707-12	3711-12
4	DIAPHRAGM	1	3707-43	3711-43
2	O-RING	1	222N	227N
11	O-RING	1	032N	146N
14	O-RING	1	032N	142N

Repair Kit, Complete

Item Number	Description	Qty.	Size 65mm-150mm	Size 200mm & 250mm
			Part Number	Part Number
N/A	REPAIR KIT, RUBBER	1	RK212-375R	RK8-375R
9	SPRING	1	3707-33A	3711A-33



MODEL 975

Relief Valve – 65mm to 250mm



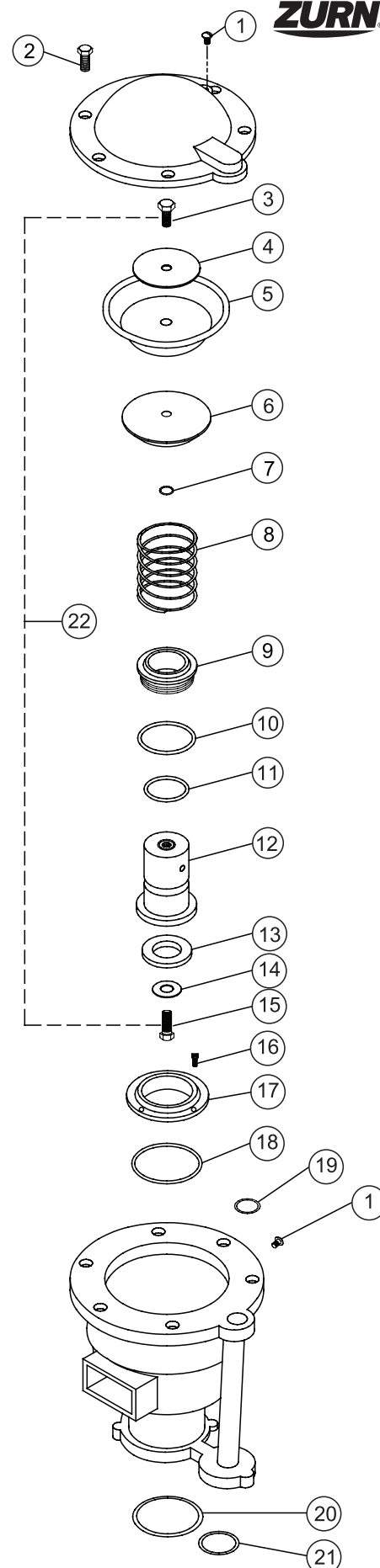
RELIEF VALVE COMPLETE			977-CU	9711-CU
Item Number	Description	Qty.	65mm-150mm	200mm & 250mm
1	BLEED SCREW	2	552-11A	552-11A
2	BOLT, COVER	6	5752-11	5752-11
3	BOLT	1	554-11A	554-11A
4	WASHER, DIAPHRAGM	1	977-80	977-80
5	DIAPHRAGM	1	5758-43	5758-43
6	SPRING RETAINER	1	977A-80-010F	9711A-80-010F
7	O-RING, SPRING RETAINER	1	113N	113N
8	SPRING	1	977A-33	9711-33A
9	STEM GUIDE	1	977-2	9711-2
10	O-RING, STEM GUIDE	1	230N	230N
11	O-RING, STEM	1	220N	327E-60
12	STEM	1	977-5	9711-5
13	SEAL RING	1	5758-12	9711-12
14	SEAL RETAINER	1	977-14	9711-14
15	BOLT, SENSING	1	977-11	977-11
16	BOLT, SEAT	3	5752-11A	N/A
17	SEAT	1	977-18	9711-18
18	O-RING, SEAT	1	031N	036N
19	O-RING, SENSING LINE	1	WK-018N	WK-018N
20	O-RING, LARGE	1	033N	036N
21	O-RING, SMALL	1	022N	022N
22	RELIEF VALVE STEM ASSY.	1	977-50	9711-50

Repair Kit, Rubber

			RK212-975R 65mm - 150mm	RK8-975R 200mm & 250mm
Item Number	Description	Qty.	Part Number	Part Number
5	DIAPHRAGM	1	5758-43	5758-43
7	O-RING, SPRING RETAINER	1	113N	113N
10	O-RING, STEM GUIDE	1	230N	230N
11	O-RING, STEM	1	220N	327E-60
13	SEAL RING	1	5758-12	9711-12
19	O-RING, SENSING LINE	1	WK-018N	WK-018N
20	O-RING, LARGE	1	033N	036N
21	O-RING, SMALL	1	022N	022N

Repair Kit, Complete

			RK212-975 2 1/50mm- 150mm	RK8-975 200mm & 250mm
Item Number	Description	Qty.	Part Number	Part Number
N/A	REPAIR KIT, RUBBER	1	RK212-975R	RK8-975R
8	SPRING	1	977A-33	9711-33A



MODEL 310

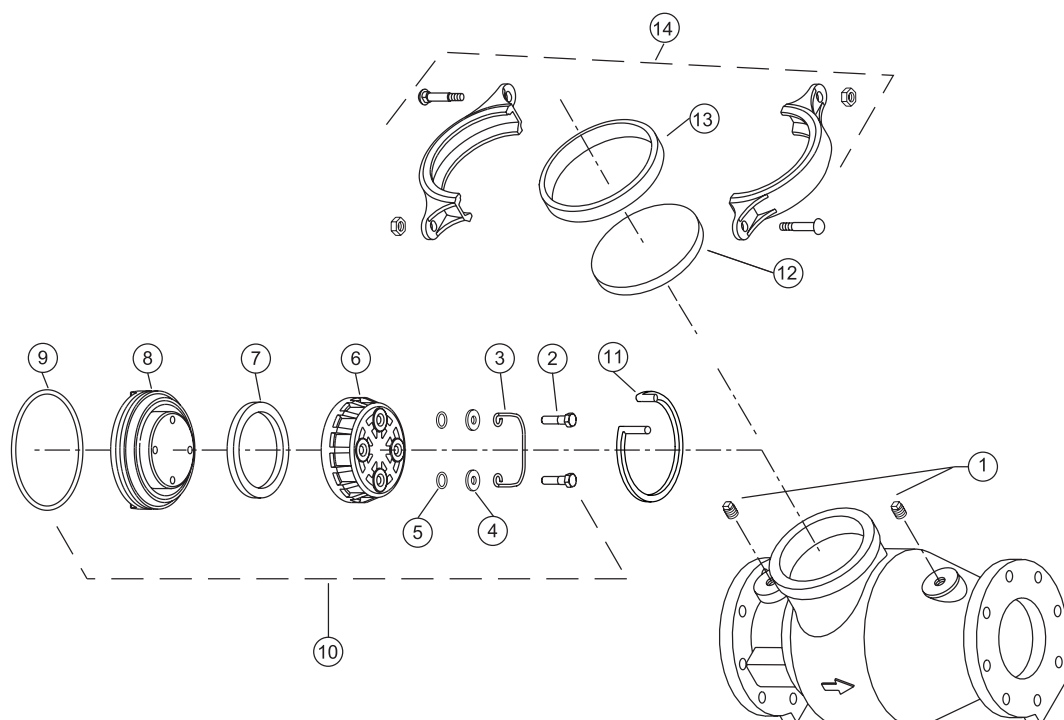
Single Check – 100mm to 200mm



Item Number	Description	100mm	150mm	200mm
1	PLUG	5510-7	5510-7	5510-7
2	BOLT, POPPET RETAINER	558-11E	5510-11A	3511-11
3	HANDLE	3509-6	3510-6	N/A
4	WASHER	3509-14C	3510-14C	3510-14C
5	O-RING	WK-109N	204N	204N
6	POPPET RETAINER	3509-14	3510-14	3511-14
7	SEAL RING	3509-12	3510-12	3511-12
8	SEAT ASSEMBLY	3109-180	3110-180	3512-180A
9	O-RING	353N	364N	273N
10	CHECK ASSEMBLY	3109-300	3110-300	3512-300A
11	SEAT RETAINER	3509-14B	3510-14B	N/A
12	COVER	3109-3C	3110-3C	3111-3C
13	GASKET, COVER RETAINER	6-23-13	8-23-13	12-23-13
14	COVER RETAINER ASSEMBLY	6-23	8-23	12-23

Repair Kit

RK4-310 Size 100mm			RK6-310 Size 150mm			RK8-310 Size 200mm		
Part Number	Qty.	Description	Part Number	Qty.	Description	Part Number	Qty.	Description
3509-12	1	SEAL RING	3510-12	1	SEAL RING	3511-12	1	SEAL RING
353N	1	O-RING	364N	1	O-RING	273N	1	O-RING
WK-109N	4	O-RING	204N	4	O-RING	204N	6	O-RING



MODEL 700FP

Dual Check Back low Preventer – 15mm to 40mm

**This product is lead-free, containing a weighted average lead content less than 0.25% for wetted surfaces.*

Item Number	Description	8mm - 15mm	20mm - 25mm
1	POPPET ASSEMBLY	751-300	702-300
2	O-RING	022N	217N
3	WASHER/O-RING	751-13	217N
4	TAILPIECE, 1/100mm FNPT	700A-19XL	–
	TAILPIECE, 3/200mm FNPT	700-19XL	–
	TAILPIECE, 1/50mm FNPT	751-19XL	–
	TAILPIECE, 20mm FNPT	–	702-19XL
	TAILPIECE, 20mm COPPER	–	702C-19XL
	TAILPIECE, 20mm FMTC	–	702-19XLFM
	TAILPIECE, 25mm FNPT	–	63-19XL
	TAILPIECE, 25mm COPPER	–	63C-19
	TAILPIECE, 25mm FMTC	–	703-19XLFM

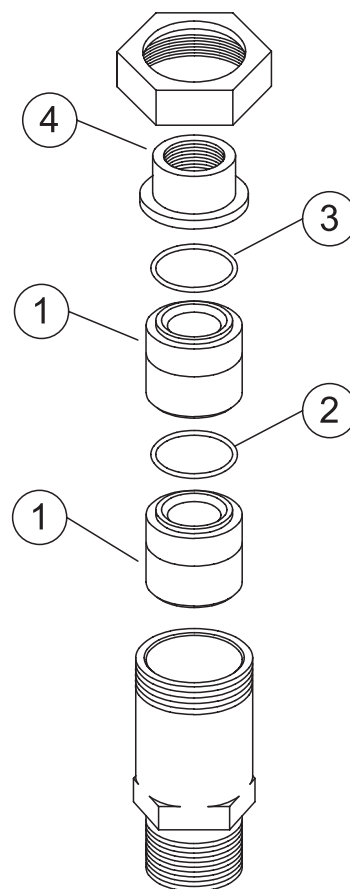
Repair Kit

RK14-700 Size 15mm

Qty.	Description	Part Number
2	POPPET ASSEMBLY	751-300
1	O-RING	022N
1	WASHER	751-13

RK34-700 Size 20mm & 25mm

Qty.	Description	Part Number
2	POPPET ASSEMBLY	702-300
2	O-RING	217N





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