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M1 Series Industrial PVC True Union Ball Valves with Locking Handle, Silicone Free & NSF/ANSI 61 Approved!

All M1 ball valves include lock-out tag-out handle at no additional charge.

****KIWA NSF/ANSI 61 Drinking Water Approval****

EPDM WITH PTFE SEATS

SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
3/8"	Socket	124070	9	1-1/2"	Socket	124075	6
	Soc & Thd combo	124070ST	9		Soc & Thd combo	124075ST	6
1/2"	Socket	124071	9	2"	Socket	124076	4
	Soc & Thd combo	124071ST	9		Soc & Thd combo	124076ST	4
3/4"	Socket	124072	8	2-1/2"	Socket	210494	1
	Soc & Thd combo	124072ST	8				
1"	Socket	124073	8	3"	Socket	210495	1
	Soc & Thd combo	124073ST	8				
1-1/4"	Socket	124074	8	4"	Socket	210496	1
	Soc & Thd combo	124074ST	8				

VITON WITH PTFE SEATS

SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
3/8"	Socket	124077	9	1-1/2"	Socket	124082	6
	Soc & Thd combo	124077ST	9		Soc & Thd combo	124082ST	6
1/2"	Socket	124078	9	2"	Socket	124083	4
	Soc & Thd combo	124078ST	9		Soc & Thd combo	124083ST	4
3/4"	Socket	124079	8	2-1/2"	Socket	210497	1
	Soc & Thd combo	124079ST	8				
1"	Socket	124080	8	3"	Socket	210498	1
	Soc & Thd combo	124080ST	8				
1-1/4"	Socket	124081	8	4"	Socket	210499	1
	Soc & Thd combo	124081ST	8				



S4 Series Industrial CPVC True Union Ball Valves

All S4 ball valves include lock-out tag-out handle at no additional charge.

- CRN No. 0C13843.5 & 0C13843.56

EPDM WITH PTFE SEATS

SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	128450	12	1-1/4"	Socket	128478	5
	Soc & Thd combo	128450ST	12		Soc & Thd combo	128478ST	5
3/4"	Socket	128470	12	1-1/2"	Socket	128482	10
	Soc & Thd combo	128470ST	12		Soc & Thd combo	128482ST	10
1"	Socket	128474	10	2"	Socket	128486	8
	Soc & Thd combo	128474ST	10		Soc & Thd combo	128486ST	8

VITON WITH PTFE SEATS

SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	128451	12	1-1/4"	Socket	128479	5
	Soc & Thd combo	128451ST	12		Soc & Thd combo	128479ST	5
3/4"	Socket	128471	12	1-1/2"	Socket	128483	10
	Soc & Thd combo	128471ST	12		Soc & Thd combo	128483ST	10
1"	Socket	128475	10	2"	Socket	128487	8
	Soc & Thd combo	128475ST	10		Soc & Thd combo	128487ST	8

All wetted materials listed on this page meet NSF/ANSI 61 requirements



S4 Series Industrial PP True Union Ball Valves (Natural Unpigmented) with Locking Handle & Glass Filled Nut – IPS connections

All S4 ball valves include lock-out tag-out handle at no additional charge.

- CRN No. 0C13843.5 & 0C13843.56

EPDM WITH PTFE SEATS						
SIZE	END CONN.	PART #		SIZE	END CONN.	PART #
1/2"	Socket	126617A		1-1/2"	Socket	126621A
	Threaded	126617ATY			Threaded	126621ATP
3/4"	Socket	126618A		2"	Socket	120310A
	Threaded	126618ATY			Threaded	120310ATP
1"	Socket	126619A				
	Threaded	126619ATY				

*** Threaded socket ends are PVDF**

Note: USP Class VI O-Rings available for the above valve. Please call for more information



M1 Series Industrial PP True Union Ball Valves with Locking Handle Metric end connections

All M1 ball valves include lock-out tag-out handle at no additional charge.

EPDM WITH PTFE SEATS

SIZE	END CONN.	PART #	SIZE	END CONN.	PART #
3/8" - DN10 (d16 mm)	Socket	124084	1-1/2" - DN40 (d50 mm)	Socket	124089
	Spigot	124098		Spigot	124103
1/2" - DN15 (d20 mm)	Socket	124085	2" - DN50 (d63 mm)	Socket	124090
	Spigot	124099		Spigot	124104
3/4" - DN20 (d25 mm)	Socket	124086	2-1/2" - DN65 (d75 mm)	Socket	124280
	Spigot	124100		Spigot	124286
1" - DN25 (d32 mm)	Socket	124087	3" - DN80 (d90 mm)	Socket	124281
	Spigot	124101		Spigot	124287
1-1/4" - DN32 (d40 mm)	Socket	124088	4" - DN80 (d110 mm)	Socket	124282
	Spigot	124102		Spigot	124288

VITON WITH PTFE SEATS

SIZE	END CONN.	PART #	SIZE	END CONN.	PART #
3/8" - DN10 (d16 mm)	Socket	124140	1-1/2" - DN40 (d50 mm)	Socket	124145
	Spigot	124147		Spigot	124152
1/2" - DN15 (d20 mm)	Socket	124141	2" - DN50 (d63 mm)	Socket	124146
	Spigot	124148		Spigot	124153
3/4" - DN20 (d25 mm)	Socket	124142	2-1/2" - DN65 (d75 mm)	Socket	124283
	Spigot	124149		Spigot	124289
1" - DN25 (d32 mm)	Socket	124143	3" - DN80 (d90 mm)	Socket	124284
	Spigot	124150		Spigot	124290
1-1/4" - DN32 (d40 mm)	Socket	124144	4" - DN80 (d110 mm)	Socket	124285
	Spigot	124151		Spigot	124291



M1 Series Industrial PP True Union Ball Valves with Locking Handle IPS – Imperial end connections

All M1 ball valves include lock-out tag-out handle at no additional charge.



EPDM WITH PTFE SEATS					
SIZE	END CONN.	PART #	SIZE	END CONN.	PART #
3/8"	Socket	210240	1-1/4"	Socket	210244
	Threaded	210268		Threaded	210272
1/2"	Socket	210241	1-1/2"	Socket	210245
	Threaded	210269		Threaded	210273
3/4"	Socket	210242	2"	Socket	210246
	Threaded	210270		Threaded	210274
1"	Socket	210243			
	Threaded	210271			



M1 Series Industrial PP True Union Ball Valves with Locking Handle IPS – Imperial end connections

All M1 ball valves include lock-out tag-out handle at no additional charge.

VITON WITH PTFE SEATS					
SIZE	END CONN.	PART #	SIZE	END CONN.	PART #
3/8"	Socket	210247	1-1/4"	Socket	210251
	Threaded	210275		Threaded	210279
1/2"	Socket	210248	1-1/2"	Socket	210252
	Threaded	210276		Threaded	210280
3/4"	Socket	210249	2"	Socket	210253
	Threaded	210277		Threaded	210281
1"	Socket	210250			
	Threaded	210278			



M1 Series Industrial PVDF True Union Ball Valves with Locking Handle – Metric end connections



All M1 ball valves include lock-out tag-out handle at no additional charge.

VITON WITH PTFE SEATS					
SIZE	END CONN.	PART #	SIZE	END CONN.	PART #
1/2" - DN15 (d20 mm)	Socket	124092	2" - DN50 (d63 mm)	Socket	124097
	Spigot	124106		Spigot	124111
3/4" - DN20 (d25 mm)	Socket	124093	2-1/2" - DN65 (d75 mm)	Socket	124292
	Spigot	124107		Spigot	124295
1" - DN25 (d32 mm)	Socket	124094	3" - DN80 (d90 mm)	Socket	124293
	Spigot	124108		Spigot	124296
1-1/4" - DN32 (d40 mm)	Socket	124095	4" - DN80 (d110 mm)	Socket	124294
	Spigot	124109		Spigot	124297
1-1/2" - DN40 (d50 mm)	Socket	124096			
	Spigot	124110			



M1 Series Industrial PVDF True Union Ball Valves with Locking Handle – Imperial end connections.

All M1 ball valves include lock-out tag-out handle at no additional charge.

VITON WITH PTFE SEATS							
SIZE	END CONN.	PART #	WEIGHT (LBS)	SIZE	END CONN.	PART #	WEIGHT (LBS)
1/2"	Socket	124092i	0.66	1-1/4"	Socket	121452i	
	Threaded	210398	0.66		Threaded	210401	
3/4"	Socket	124093i	0.97	1-1/2"	Socket	124096i	3.15
	Threaded	210399	0.97		Threaded	210402	3.15
1"	Socket	124094i	1.28	2"	Socket	124079i	4.72
	Threaded	210400	1.28		Threaded	210403	4.72
				3"	Socket	124293i	



S6 Series Industrial PVC True Union Ball Valves with PTFE seats (Econo)

1/2" to 2" is now rated up to 230 psi



EPDM WITH PTFE SEATS

SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
3/8"	Socket	128236	20	1-1/2"	Socket	125496	15
	Soc & Thd combo	128236ST	20		Soc & Thd combo	125496ST	15
1/2"	Socket	128237	20	2"	Socket	125497	10
	Soc & Thd combo	128237ST	20		Soc & Thd combo	125497ST	10
3/4"	Socket	128238	20	2-1/2"	Socket	129009	4
	Soc & Thd combo	128238ST	20		Threaded	129009ST	4
1"	Socket	128239	15	3"	Socket	129351	1
	Soc & Thd combo	129239ST	15		Threaded	129351ST	1
1-1/4"	Socket	128240	15				
	Soc & Thd combo	128240ST	15				

VITON WITH PTFE SEATS

SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
3/8"	Socket	128241	20	1-1/2"	Socket	125508	15
	Soc & Thd combo	128241ST	20		Soc & Thd combo	125508ST	15
1/2"	Socket	128242	20	2"	Socket	125509	10
	Soc & Thd combo	128242ST	20		Soc & Thd combo	125509ST	10
3/4"	Socket	128243	20	2-1/2"	Socket	129010	4
	Soc & Thd combo	128243ST	20		Threaded	129010ST	4
1"	Socket	128244	15	3"	Socket	129352	1
	Soc & Thd combo	128244ST	15		Threaded	129352ST	1
1-1/4"	Socket	128246	15				
	Soc & Thd combo	128246ST	15				

All wetted materials listed on this page meet NSF/ASNI 61 requirements

S6 Series Industrial

PVC True Union Ball Valves with Polyethylene seats (Econo)

1/2" to 2" is now rated up to 230 psi

EPDM WITH POLYETHYLENE SEATS							
SIZE	END CONN.	PART #	CARTON QTY		END CONN.	PART #	CARTON QTY
1/2"	Socket	128232	50		Threaded	128232T	50
3/4"	Socket	128233	50		Threaded	128233T	50
1"	Socket	128234	40		Threaded	128234T	40
1-1/4"	Socket	128235	10		Threaded	128235T	10
1-1/2"	Socket	125472	20		Threaded	125472T	20
2"	Socket	125473	10		Threaded	125473T	10
2-1/2"	Socket	129007	4		Threaded	129007T	4
3"	Socket	129350	4		Threaded	129350T	4
4"	Socket	129796	4				



S4 PVC/PVDF Laboratory Ball Valves

SIZE	PART #	DESCRIPTION	CARTON QTY
1/4"	128398A	PVC / EPDM / MIP X FIP WITHOUT FTG	10
1/4"	122355A	PVC / EPDM / MIP X FIP WITH HOSE FTG	10
1/4"	122356A	PVC / VITON / MIP X FIP WITH HOSE FTG	10
1/4"	122460A	PVDF / VITON / MIP X FIP WITH HOSE FTG	10

* Ideal for instrumentation lines, chlorine feeder drain and general laboratory use.



S4 Series Industrial

3-Way PVC True Union Ball Valves with Socket Ends

All S4 ball valves include locking handle at no additional charge.

SIZE	T-BALL PART #	L-BALL PART #	CARTON QTY
3/8"	120629	120630	15
1/2"	120631	120633	15
3/4"	122995	122996	15
1"	122195	121897	15
1-1/4"	122997	122998	5
1-1/2"	122752	122753	5
2"	122754	122755	4

VITON WITH PTFE SEATS			
SIZE	T-BALL PART #	L-BALL PART #	CARTON QTY
3/8"	120674	120675	15
1/2"	120676	120677	15
3/4"	120632	120672	15
1"	120657	120658	15
1-1/4"	120778	120779	5
1-1/2"	120773	120774	5
2"	120775	120776	4

Add 'T' to the end of the part number for threaded ends.



S4 Series Industrial 3-Way PP True Union Ball Valves with Metric End Connections

All S4 ball valves include locking handle at no additional charge.

EPDM WITH PTFE SEATS

SIZE	END CONN.	T-BALL PART #	L-BALL PART #	SIZE	END CONN.	T-BALL PART #	L-BALL PART #
3/8" - DN10 (d16 mm)	Socket	124767	124768	1-1/4" - DN32 (d40 mm)	Socket	125016	125017
	Spigot	124769	124770		Spigot	125020	125021
1/2" - DN15 (d20 mm)	Socket	124771	124772	1-1/2" - DN40 (d50 mm)	Socket	124890	124891
	Spigot	124773	124774		Spigot	124892	124893
3/4" - DN20 (d25 mm)	Socket	125014	125015	2" - DN50 (d63 mm)	Socket	124894	124895
	Spigot	125018	125019		Spigot	124896	124897
1" - DN25 (d32 mm)	Socket	124775	124776				
	Spigot	124777	124778				

VITON WITH PTFE SEATS

SIZE	END CONN.	T-BALL PART #	L-BALL PART #	SIZE	END CONN.	T-BALL PART #	L-BALL PART #
3/8" - DN10 (d16 mm)	Socket	124898	124899	1-1/4" - DN32 (d40 mm)	Socket	125024	125025
	Spigot	124900	124901		Spigot	125028	125029
1/2" - DN15 (d20 mm)	Socket	124902	124903	1-1/2" - DN40 (d50 mm)	Socket	124910	124911
	Spigot	124904	124905		Spigot	124912	124913
3/4" - DN20 (d25 mm)	Socket	125022	125023	2" - DN50 (d63 mm)	Socket	124914	124915
	Spigot	125026	125027		Spigot	124916	124917
1" - DN25 (d32 mm)	Socket	124906	124907				
	Spigot	124908	124909				



S4 Series Industrial 3-Way PVDF True Union Ball Valves with Metric End Connections



All S4 ball valves include locking handle at no additional charge.

VITON WITH PTFE SEATS							
SIZE	END CONN.	T-BALL PART #	L-BALL PART #	SIZE	END CONN.	T-BALL PART #	L-BALL PART #
3/8" - DN10 (d16 mm)	Socket	124918	124919	1-1/4" - DN32 (d40 mm)	Socket	125032	125033
	Spigot	124920	124921		Spigot	125036	125037
1/2" - DN15 (d20 mm)	Socket	124922	124923	1-1/2" - DN40 (d50 mm)	Socket	124930	124931
	Spigot	124924	124925		Spigot	124932	124933
3/4" - DN20 (d25 mm)	Socket	125030	125031	2" - DN50 (d63 mm)	Socket	124934	124935
	Spigot	125034	125035		Spigot	124936	124937
1" - DN25 (d32 mm)	Socket	124926	124927				
	Spigot	124928	124929				



M1 & S4 True Union Ball Valve Labeling System

Features:

- * Material: PBT (Polyester)
- * Color: Yellow (Standard)

YELLOW		BLUE	GREEN	RED
SIZE	PART #	PART #	PART #	PART #
3/8"	101624	141861	141862	141863
1/2"	101624	141861	141862	141863
3/4"	101625	141864	141865	141866
1"	101625	141864	141865	141866
1-1/4"	101626	141867	141868	141869
1-1/2"	101627	141870	141871	141872
2"	101628	141873	141874	141875
2-1/2"	101629	141876	141877	141878
3"	101630	141879	141880	141881



K4 Series Industrial Butterfly Valves

Features:

- Standard glass filled Polypropylene body
- 316 Stainless Steel shaft – non wetted
- CRN No. 0C13843.5 & 0C13843.56

PVC DISC EPDM SEAT	
SIZE	PART #
2-1/2"	240301
3"	240302
4"	240303
5"	240304
6"	240305
8"	240306

PVC DISC VITON SEAT	
PART #	
240321	
240322	
240323	
240324	
240325	
240326	

CPVC DISC EPDM SEAT	
PART #	
246301	
246302	
246303	

CPVC DISC VITON SEAT	
PART #	
246321	
246322	
246323	

SIZE	PART #
2-1/2"	242301
3"	242302
4"	242303
5"	242304
6"	242305
8"	242306

PART #	
242321	
242322	
242323	
242324	
242325	
242326	

PART #	
244321	
244322	
244323	
244324	
244325	
244326	

K4 Butterfly PVC Flange Kits	
SIZE	PART #
3"	FK4-300
4"	FK4-400
6"	FK4-600
8"	FK4-800

Kit consists of two PVC flanges plus hardware.
Grade 5 steel bolt zinc plated with hex nut and two flat washers

Recommended Torque rating for flanges:
3-4" = 25 ft. in.lbs,
6-8" = 40ft. in lbs.

Lug style available – Please call for a quote



K4 Series Industrial Butterfly Valve with Gear Operator

Features:

- CRN No. 0C13843.5 & 0C13843.56

PVC DISC EPDM SEAT	
SIZE	PART #
2-1/2"	240501
3"	240502
4"	240503
5"	240504
6"	240505
8"	240506
10"	240507

PVC DISC VITON SEAT	
PART #	
240521	
240522	
240523	
240524	
240525	
240526	
240527	

CPVC DISC EPDM SEAT	
PART #	
246501	
246502	
246503	

CPVC DISC VITON SEAT	
PART #	
246521	
246522	
246523	

PP DISC EPDM SEAT	
SIZE	PART #
2-1/2"	242501
3"	242502
4"	242503
5"	242504
6"	242505
8"	242506
10"	242507

PP DISC VITON SEAT	
PART #	
242521	
242522	
242523	
242524	
242525	
242526	
242527	

PVDF DISC VITON SEAT	
PART #	
244571	
244572	
244573	
244574	
244575	
244576	

Lug style available – Please call for a quote



K4 Series Industrial PVC/PP/PVDF Swing Check Valves

Features:

- CRN No. 0C13843.5 & 0C13843.56

PVC/EPDM		PVC/VITON	PPGR/EPDM	PPGR/VITON
SIZE	PART #	PART #	PART #	PART #
2 1/2"	125804A	125811A	125832A	125839A
3"	125805A	125812A	125833A	125840A
4"	125806A	125813A	125834A	125841A
6"	125807A	125814A	125835A	125842A
8"	125808A	125815A	125836A	125843A
10"	125809A	125816A	125837A	125844A

PP/EPDM		PP/VITON	PVDF/VITON
SIZE	PART #	PART #	PART #
2 1/2"	123085A	123092A	125853A
3"	123086A	123093A	125854A
4"	123087A	123094A	125855A
6"	123088A	123095A	125856A
8"	123089A	123096A	125857A
10"	123090A	123097A	125858

SWING CHECK VALVE PVC FLANGE KIT	
SIZE	PART #
3"	FK-SCV300
4"	FK-SCV400
6"	FK-SCV600
8"	FK-SCV800

Each kit consists of 2 flanges, Grade 5 steel bolt
zinc plated with hex nut and two flat washers



K6 Series Industrial PVC Wafer Check Valves



Features:

- No spacer required on newest generation of wafer check
- Easy spring installation without any special tool requirements
- Easy installation due to integrated flange bolt guides for DIN 2501 PN10 and ANSI Class 150
- Rated to 150 psi on all sizes
- CRN No. 0C17876.2

PVC/EPDM WITH SS SPRING		PVC/VITON WITH SS SPRING	PVC/EPDM WITH HASTELLOY SPRING	PVC/VITON WITH HASTELLOY SPRING
SIZE	PART #	PART #	PART #	PART #
1-1/2"	129100	129111	123159	123169
2"	129101	129112	123160	123170
2-1/2"	129102	129113	123161	123171
3"	129103	129114	123162	123172
4"	129104	129115	123163	123173
5"	129105	129116	123164	123174
6"	129106	129117	123165	123175
8"	129107	129118	123166	123176
10"	129108	129119	123167	123177
12"	129109	129120	123168	123178
14"	129110	120908	120911	120914

INSTALLATION PRECAUTIONS:

- No direct mounting onto a pump, bend or elbow
- Install a minimum of five times the nominal pipe diameter away from pumps, bends or elbows. (**Example:** Install a 4" valve 20" away from a pump discharge.)

Note: Do not use valves without springs for pulsating applications





S4 Series Industrial PP/PVDF Wafer Check Valves



Features:

- Economical, space saving design.
- Lightweight, non-corrosive construction.

NOTE: Spacer rings for full disc opening is recommended

PP/EPDM		PP/VITON	PP/TEFLON*
SIZE	PART #	PART #	PART #
1-1/2"	461-15-E	461-15-V	461-15-VT
2"	461-20-E	461-20-V	461-20-VT
2-1/2"	461-25-E	461-25-V	461-25-VT
3"	461-30-E	461-30-V	461-30-VT
4"	461-40-E	461-40-V	461-40-VT
5"	461-50-E	461-50-V	461-50-VT
6"	461-60-E	461-60-V	461-60-VT
8"	461-80-E	461-80-V	461-80-VT
10"	461-100-E	461-100-V	461-100-VT
12"	461-120-E	461-120-V	461-120-VT
14"	461-140-E	461-140-V	
16"	461-160-E	461-160-V	
18"	461-180-E	461-180-V	

	PP/EPDM WITH SS SPRING	PP/VITON WITH SS SPRING	PP/EPDM WITH HASTELLOY SPRING	PP/VITON WITH HASTELLOY SPRING	PP/TEFLON* WITH HASTELLOY SPRING
SIZE	PART #	PART #	PART #	PART #	PART #
1-1/2"	471-15-E	471-15-V	471-15-EH	471-15-VH	471-15-VTH
2"	471-20-E	471-20-V	471-20-EH	471-20-VH	471-20-VTH
2-1/2"	471-25-E	471-25-V	471-25-EH	471-25-VH	471-25-VTH
3"	471-30-E	471-30-V	471-30-EH	471-30-VH	471-30-VTH
4"	471-40-E	471-40-V	471-40-EH	471-40-VH	471-40-VTH
5"	471-50-E	471-50-V	471-50-EH	471-50-VH	471-50-VTH
6"	471-60-E	471-60-V	471-60-EH	471-60-VH	471-60-VTH
8"	471-80-E	471-80-V	471-80-EH	471-80-VH	471-80-VTH
10"	471-100-E	471-100-V	471-100-EH	471-100-VH	471-100-VTH
12"	471-120-E	471-120-V	471-120-EH	471-120-VH	471-120-VTH
14"	471-140-E	471-140-V			
16"	471-160-E	471-160-V			
18"	471-180-E	471-180-V			

* Teflon encapsulated Viton O-Ring



S4 Series Industrial PVC/PP/PVDF Wafer Check Valves

PVDF/EPDM	
SIZE	PART #
2"	462-20-E
2-1/2"	462-25-E
3"	462-30-E
4"	462-40-E
5"	462-50-E
6"	462-60-E
8"	462-80-E
10"	462-100-E
12"	462-120-E

PVDF/VITON	
PART #	
462-20-V	
462-25-V	
462-30-V	
462-40-V	
462-50-V	
462-60-V	
462-80-V	
462-100-V	
462-120-V	

PVDF/TEFLON*	
PART #	
462-20-VT	
462-25-VT	
462-30-VT	
462-40-VT	
462-50-VT	
462-60-VT	
462-80-VT	
462-100-VT	
462-120-VT	

PVDF/EPDM WITH SS SPRING	
SIZE	PART #
2"	472-20-E
2-1/2"	472-25-E
3"	472-30-E
4"	472-40-E
5"	472-50-E
6"	472-60-E
8"	472-80-E
10"	472-100-E
12"	472-120-E

PVDF/VITON WITH SS SPRING	
PART #	
472-20-V	
472-25-V	
472-30-V	
472-40-V	
472-50-V	
472-60-V	
472-80-V	
472-100-V	
472-120-V	

PVDF/EPDM WITH HASTELLOY SPRING	
PART #	
472-20-EH	
472-25-EH	
472-30-EH	
472-40-EH	
472-50-EH	
472-60-EH	
472-80-EH	
472-100-EH	
472-120-EH	

PVDF/VITON WITH HASTELLOY SPRING	
PART #	
472-20-VH	
472-25-VH	
472-30-VH	
472-40-VH	
472-50-VH	
472-60-VH	
472-80-VH	
472-100-VH	
472-120-VH	

PVDF/TEFLON* WITH HASTELLOY SPRING	
PART #	
472-20-VTH	
472-25-VTH	
472-30-VTH	
472-40-VTH	
472-50-VTH	
472-60-VTH	
472-80-VTH	
472-100-VTH	
472-120-VTH	

* Teflon encapsulated Viton O-Ring



PVC/PP/PVDF Spacers for Wafer Check Valves

PVC		PP	PVDF
SIZE	PART #	PART #	PART #
2"	3-20-7	4-20-7	5-20-7
2-1/2"	3-25-7	4-25-7	5-25-7
3"	3-30-7	4-30-7	5-30-7
4"	3-40-7	4-40-7	5-40-7
5"	3-50-7	4-50-7	5-50-7
6"	3-60-7	4-60-7	5-60-7
8"	3-80-7	4-80-7	5-80-7
10"	3-100-7	4-100-7	5-100-7
12"	3-120-7	4-120-7	5-120-7



S4 Series Industrial PVC True Union Foot Valves

Screen hole size: 2 x 4 mm

EPDM O-RINGS

SIZE	PART #
3/8"	122873
1/2"	122109
3/4"	122110
1"	122668
1-1/4"	122129
1-1/2"	121353
2"	121360
2-1/2"	122203
3"	122105
4"	122669

VITON O-RINGS

SIZE	PART #
3/8"	122874
1/2"	121032
3/4"	121033
1"	121034
1-1/4"	121035
1-1/2"	121036
2"	121037
2-1/2"	121038
3"	121039
4"	121040



S4 Series Industrial PVC True Union Spring Check Valves

Features:

- Spring cracking pressure: 1 psi
- CRN No. 0C13843.5 & 0C13843.56

PVC/EPDM WITH STAINLESS STEEL SPRING							
SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	120278	20	1-1/2"	Socket	121109	10
	Threaded	120278T	20		Threaded	121109T	10
3/4"	Socket	122076	20	2"	Socket	121110	8
	Threaded	122076T	20		Threaded	121110T	8
1"	Socket	122072	15	2-1/2"	Socket	121899	4
	Threaded	122072T	15		Threaded	121899T	4
1-1/4"	Socket	122080	20	3"	Socket	121900	1
	Threaded	122080T	20		Threaded	121900T	1

PVC/EPDM WITH TEFLON ENCAPSULATED STAINLESS STEEL SPRING							
SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	122196	20	1-1/2"	Socket	122200	10
	Threaded	122196T	20		Threaded	122200T	10
3/4"	Socket	122197	20	2"	Socket	122114	8
	Threaded	122197T	20		Threaded	122114T	8
1"	Socket	122198	15	2-1/2"	Socket	121759	4
	Threaded	122198T	15		Threaded	121759T	4
1-1/4"	Socket	122199	20	3"	Socket	121782	1
	Threaded	122199T	20		Threaded	121782T	1



S4 Series Industrial PVC Double Union Spring Check Valves

PVC/EPDM WITH HASTELLOY SPRING							
SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	120278H	20	1-1/4"	Socket	122080H	20
	Threaded	120278HT	20		Threaded	122080HT	20
3/4"	Socket	122076H	20	1-1/2"	Socket	121109H	10
	Threaded	122076HT	20		Threaded	121109HT	10
1"	Socket	122072H	15	2"	Socket	121110H	8
	Threaded	122072HT	15		Threaded	121110HT	8

PVC/VITON WITH STAINLESS STEEL SPRING							
SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	122652	20	1-1/2"	Socket	122656	10
	Threaded	122652T	20		Threaded	122656T	10
3/4"	Socket	122653	20	2"	Socket	122657	8
	Threaded	122653T	20		Threaded	122657T	8
1"	Socket	122654	15	2-1/2"	Socket	122658	4
	Threaded	122654T	15		Threaded	122658T	4
1-1/4"	Socket	122655	20	3"	Socket	122648	1
	Threaded	122655T	20		Threaded	122648T	1



S4 Series Industrial PVC Double Union Spring Check Valves



PVC/VITON WITH TEFLON ENCAPSULATED STAINLESS STEEL SPRING							
SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	122154	20	1-1/2"	Socket	122182	10
	Threaded	122154T	20		Threaded	122182T	10
3/4"	Socket	122179	20	2"	Socket	122183	8
	Threaded	122179T	20		Threaded	122183T	8
1"	Socket	122180	15	2-1/2"	Socket	122249	4
	Threaded	122180T	15		Threaded	122249T	4
1-1/4"	Socket	122181	20	3"	Socket	122250	1
	Threaded	122181T	20		Threaded	122250T	1

PVC/VITON WITH HASTELLOY SPRING							
SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	122652H	10	1-1/4"	Socket	122655H	5
	Threaded	122652HT	10		Threaded	122655HT	5
3/4"	Socket	122653H	10	1-1/2"	Socket	122656H	5
	Threaded	122653HT	10		Threaded	122656HT	5
1"	Socket	122654H	8	2"	Socket	122657H	4
	Threaded	122654HT	8		Threaded	122657HT	4



S4 Series Industrial CPVC Double Union Spring Check Valves

CPVC/EPDM WITH STAINLESS STEEL SPRING							
SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	129398	10	1-1/4"	Socket	129401	5
	Threaded	129398T	10		Threaded	129401T	5
3/4"	Socket	129399	10	1-1/2"	Socket	129402	5
	Threaded	129399T	10		Threaded	129402T	5
1"	Socket	129400	8	2"	Socket	129403	4
	Threaded	129400T	8		Threaded	129403T	4

CPVC/EPDM WITH TEFLON ENCAPSULATED STAINLESS STEEL SPRING							
SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	129412	10	1-1/4"	Socket	129415	5
	Threaded	129412T	10		Threaded	129415T	5
3/4"	Socket	129413	10	1-1/2"	Socket	129416	5
	Threaded	129413T	10		Threaded	129416T	5
1"	Socket	129414	8	2"	Socket	129416	4
	Threaded	129414T	8		Threaded	129416T	4



S4 Series Industrial CPVC Double Union Spring Check Valves

CPVC/EPDM WITH HASTELLOY SPRING

SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	129398H	10	1-1/4"	Socket	129401H	5
	Threaded	129398HT	10		Threaded	129401HT	5
3/4"	Socket	129399H	10	1-1/2"	Socket	129402H	5
	Threaded	129399HT	10		Threaded	129402HT	5
1"	Socket	129400H	8	2"	Socket	129403H	4
	Threaded	129400HT	8		Threaded	129403HT	4

CPVC/VITON WITH STAINLESS STEEL SPRING

SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	129405	10	1-1/4"	Socket	129408	5
	Threaded	129405T	10		Threaded	129408T	5
3/4"	Socket	129406	10	1-1/2"	Socket	129409	5
	Threaded	129406T	10		Threaded	129409T	5
1"	Socket	129407	8	2"	Socket	129410	4
	Threaded	129407T	8		Threaded	129410T	4



S4 Series Industrial CPVC Double Union Spring Check Valves

CPVC/VITON WITH TEFLON ENCAPSULATED STAINLESS STEEL SPRING							
SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	129419	10	1-1/4"	Socket	129422	5
	Threaded	129419T	10		Threaded	129422T	5
3/4"	Socket	129420	10	1-1/2"	Socket	129423	5
	Threaded	129420T	10		Threaded	129423T	5
1"	Socket	129421	8	2"	Socket	129424	4
	Threaded	129421T	8		Threaded	129424T	4

CPVC/VITON WITH HASTELLOY SPRING							
SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	129405H	10	1-1/4"	Socket	129408H	5
	Threaded	129405HT	10		Threaded	129408HT	5
3/4"	Socket	129406H	10	1-1/2"	Socket	129409H	5
	Threaded	129406HT	10		Threaded	129409HT	5
1"	Socket	129407H	8	2"	Socket	129410H	4
	Threaded	129407HT	8		Threaded	129410HT	4



S4 Series Industrial CPVC Double Union Spring Check Valves

CPVC/EPDM WITH TITANIUM SPRING							
SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	129398Ti	10	1-1/4"	Socket	129401Ti	5
	Threaded	128398TiT	10		Threaded	129401TiT	5
3/4"	Socket	129399Ti	10	1-1/2"	Socket	129402Ti	5
	Threaded	129399TiT	10		Threaded	129402TiT	5
1"	Socket	129400Ti	8	2"	Socket	129403Ti	4
	Threaded	129400TiT	8		Threaded	129403TiT	4

CPVC/VITON WITH TITANIUM SPRING							
SIZE	END CONN.	PART #	CARTON QTY	SIZE	END CONN.	PART #	CARTON QTY
1/2"	Socket	129405Ti	10	1-1/4"	Socket	129408Ti	5
	Threaded	129405TiT	10		Threaded	129408TiT	5
3/4"	Socket	129406Ti	10	1-1/2"	Socket	129409Ti	5
	Threaded	129406TiT	10		Threaded	129409TiT	5
1"	Socket	129407Ti	8	2"	Socket	129410Ti	4
	Threaded	129407TiT	8		Threaded	129410TiT	4



S4 Series Industrial PP Double Union Spring Check Valves Metric end connections

PP/EPDM WITH TEFLON ENCAPSULATED STAINLESS STEEL SPRING							
SIZE	END CONN.	PART #	WEIGHT LBS.		SIZE	END CONN.	WEIGHT LBS.
1/2"	Socket	121503			1-1/2"	Socket	121507
	Threaded	122290T				Threaded	122288T
	Spigot	121515				Spigot	121524
3/4"	Socket	121504			2"	Socket	121508
	Threaded	122896T				Threaded	122289T
	Spigot	121517				Spigot	121526
1"	Socket	121505			2-1/2"	Socket	121509A
	Threaded	122897T				Spigot	121528A
	Spigot	121519					
1-1/4"	Socket	121506				Socket	121510
	Threaded	122898T			3"	Spigot	121530
	Spigot	121522					

HASTELLOY SPRING METRIC END CONNECTIONS							
SIZE	END CONN.	PART #	WEIGHT LBS.		SIZE	END CONN.	WEIGHT LBS.
1/2"	Socket	122290H	0.44		1-1/4"	Socket	122898H
	Threaded	122290HT	0.44			Threaded	122898HT
3/4"	Socket	122896H	0.55		1-1/2"	Socket	122288H
	Threaded	122896HT	0.55			Threaded	122288HT
1"	Socket	122897HT	0.89		2"	Socket	122289H
	Threaded	122897HT	0.89			Threaded	122289HT



S4 Series Industrial PP Double Union Spring Check Valves Metric end connections

PP/VITON WITH TEFLON ENCAPSULATED STAINLESS STEEL SPRING						
SIZE	END CONN.	PART #		SIZE	END CONN.	PART #
1/2"	Socket	121839		1-1/2"	Socket	121843
	Threaded	122899T			Threaded	122903T
	Spigot	121516			Spigot	121525
3/4"	Socket	121840		2"	Socket	121844
	Threaded	122900T			Threaded	122904T
	Spigot	121518			Spigot	121527
1"	Socket	121841		2-1/2"	Socket	121845A
	Threaded	122901T			Spigot	121529A
	Spigot	121521				
1-1/4"	Socket	121842		3"	Socket	121846
	Threaded	122902T			Spigot	121531
	Spigot	121523				

PP/VITON WITH HASTELLOY SPRING						
SIZE	END CONN.	PART #		SIZE	END CONN.	PART #
1/2"	Socket	121839H		1-1/4"	Socket	121842H
	Threaded	122899HT			Threaded	122902HT
3/4"	Socket	121840H		1-1/2"	Socket	121843H
	Threaded	122900HT			Threaded	122903HT
1"	Socket	121841H		2"	Socket	121844H
	Threaded	122901HT			Threaded	122904HT



S4 Series Industrial PVDF Double Union Spring Check Valves

PVDF/VITON WITH TEFLON ENCAPSULATED STAINLESS STEEL SPRING

SIZE	END CONN.	PART #	SIZE	END CONN.	PART #
1/2"	Socket	121659	1-1/2"	Socket	121663
	Threaded	121659T		Threaded	121663T
	Spigot	121677		Spigot	121681
3/4"	Socket	121660	2"	Socket	121664
	Threaded	121660T		Threaded	121664T
	Spigot	121678		Spigot	121682
1"	Socket	121661	2-1/2"	Socket	121665
	Threaded	121661T		Threaded	121665T
	Spigot	121679		Spigot	121683
1-1/4"	Socket	121662	3"	Socket	121666
	Threaded	121662T		Threaded	121666T
	Spigot	121680		Spigot	121684

PVDF/VITON WITH HASTELLOY SPRING

SIZE	END CONN.	PART #	SIZE	END CONN.	PART #
1/2"	Socket	121659H	1-1/4"	Socket	121662H
	Threaded	121659HT		Threaded	121662HT
	Spigot	121677H		Spigot	121680H
3/4"	Socket	121660H	1-1/2"	Socket	121663H
	Threaded	121660HT		Threaded	121663HT
	Spigot	121678H		Spigot	121681H
1"	Socket	121661H	2"	Socket	121664H
	Threaded	121661HT		Threaded	121664HT
	Spigot	121679H		Spigot	121682H



T7 Series Industrial PVC True Union Diaphragm Valve Metric Socket Ends

EPDM		VITON	TEFLON*
SIZE	PART #	PART #	PART #
1/2"	271210	271250	271230
3/4"	271211	271251	271231
1"	271212	271252	271232
1-1/4"	271213	271253	271233
1-1/2"	271214	271254	271234
2"	271215	271255	271235

(*)Teflon (PTFE) bonded to EPDM backing



T7 Series Industrial PVC True Union Diaphragm Valve ASTM Socket Ends

EPDM		VITON	TEFLON*
SIZE	PART #	PART #	PART #
1/2"	271310	271350	271330
3/4"	271311	271351	271331
1"	271312	271352	271332
1-1/4"	271313	271353	271333
1-1/2"	271314	271354	271334
2"	271315	271355	271335

(*)Teflon (PTFE) bonded to EPDM backing

Flanged ends available – Please call for a quote



T7 Series Industrial PP True Union Diaphragm Valve Metric Socket Ends

EPDM		VITON	TEFLON*
SIZE	PART #	PART #	PART #
1/2"	273210	273250	273230
3/4"	273211	273251	273231
1"	273212	273252	273232
1-1/4"	273213	273253	273233
1-1/2"	273214	273254	273234
2"	273215	273255	273235

(*)Teflon (PTFE) bonded to EPDM backing



T7 Series Industrial PP True Union Diaphragm Valve ASTM Socket Ends

EPDM		VITON	TEFLON*
SIZE	PART #	PART #	PART #
1/2"	273210I	273250I	273230I
3/4"	273211I	273251I	273231I
1"	273212I	273252I	273232I
1-1/4"	273213I	273253I	273233I
1-1/2"	273214I	273254I	273234I
2"	273215I	273255I	273235I

(*)Teflon (PTFE) bonded to EPDM backing

Flanged ends available – Please call for a quote



T7 Series Industrial PP Diaphragm Valves Metric Spigot Ends

EPDM		VITON	TEFLON*
SIZE	PART #	PART #	PART #
1/2"	273010	273030	273050
3/4"	273011	273031	273051
1"	273012	273032	273052
1-1/4"	273013	273033	273053
1-1/2"	273014	273034	273054
2"	273015	273035	273055

(*) Teflon (PTFE) bonded to EPDM backing



T7 Series Industrial PVDF True Union Diaphragm Valves

	SOCKET	ASTM SOCKET	SPIGOT
SIZE	PART #	PART #	PART #
1/2" - DN15 (d20)	275210	275210I	275010
3/4" - DN20 (d25)	275211	275211I	275011
1" - DN25 (d32)	275212	275212I	275012
1-1/4" - DN32 (d40)	275213	275213I	275013
1-1/2" - DN40 (d50)	275214	275214	275014
2" - DN50 (d63)	275215	275215	275015

(*) Teflon (PTFE) bonded to EPDM backing

Flanged ends available – Please call for a quote



T4 Series Industrial PP Diaphragm Valves

SPIGOT (EPDM)	
SIZE	PART #
2-1/2" - DN65 (d75)	120159
3" - DN80 (d90)	120160
4" - DN100 (d110)	120902
5" - DN125 (d140)	N/A

FLANGED (EPDM)	
PART #	
120237	
120238	
120909	
120910	

SPIGOT (TEFLON)	
SIZE	PART #
2-1/2" - DN65 (d75)	120181
3" - DN80 (d90)	120182
4" - DN100 (d110)	120905
5" - DN125 (d140)	N/A

FLANGED (TEFLON)	
PART #	
120258	
120260	
120912	
120913	

(*) Teflon (PTFE) bonded to EPDM backing



T4 Series Industrial PVDF Diaphragm Valves

SPIGOT	
SIZE	PART #
2-1/2" - DN65 (d75)	120184
3" - DN80 (d90)	120185
4" - DN100 (d110)	120917
5" - DN125 (d140)	N/A

FLANGED	
PART #	
120274	
120275	
120921	
120922	

(*) Teflon (PTFE) bonded to EPDM backing



PVC Knife Gate Valves



SIZE	PART #	DESCRIPTION	CARTON QTY
1"	100-GATE	Socket X Socket	30
1-1/2"	150-GATE	Socket X Socket (White)	24
1-1/2"	150-HB4PMT	Pool Hose X MIP	18
1-1/2"	150-SLSP	Socket X Spigot	24
1-1/2"	151-GFFT	FIP X FIP (Black)	24
1-1/2"	151-GMFT	MIP X FIP (Black)	18

2"	200-GATE	Socket X Socket (White)	25
2"	200-SLSP	Socket X Spigot (White)	25

3"	300-GATE	Socket X Socket (Grey)	2
3"	300-GV16	Socket X Socket (White)	4

4"	400-GATE	Socket X Socket (Grey)	2
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Air Actuated Gate Valves

SIZE	PART #	DESCRIPTION	CARTON QTY
2"	200-GAIRMAG	2" GATE VALVE WITH AIR ACTUATOR D.A., MAGNETIC PISTON	1
3"	300-GAIRMAG	3" GATE VALVE WITH AIR ACTUATOR D.A., MAGNETIC PISTON	1
4"	400-GAIRMAG	4" GATE VALVE WITH AIR ACTUATOR D.A., MAGNETIC PISTON	1

* With 1/8" FNPT ports, 316SS shaft.

Options and Accessories Add to the price of valve	
Option	Code#
Proximity Switch*	GVPS

* Will only work with magnetic piston cylinders



S4 Series Industrial PVC True Union Aerating Valves

EPDM O-RINGS

SIZE	PART #
3/8"	120303
1/2"	122701
3/4"	122130
1"	122131
1-1/4"	122132
1-1/2"	122831
2"	122011
2-1/2"	120288
3"	120099

VITON O-RINGS

SIZE	PART #
3/8"	120803
1/2"	120804
3/4"	120805
1"	120806
1-1/4"	120807
1-1/2"	120808
2"	120809
2-1/2"	120810
3"	120811

Available Options:

Add 'T' to the end of the part number for threaded ends.



CR4 Series Industrial 690 Micron (26 Mesh) PVC True Union Inline Strainers with Corrosion Resistant Screen

EPDM O-RINGS

SIZE	PART #
3/8"	CR4-0381ES70
1/2"	CR4-0501ES70
3/4"	CR4-0751ES70
1"	CR4-1001ES70
1-1/4"	CR4-1251ES70
1-1/2"	CR4-1501ES70
2"	CR4-2001ES70

VITON O-RINGS

PART #
CR4-0381VS70
CR4-0501VS70
CR4-0751VS70
CR4-1001VS70
CR4-1251VS70
CR4-1501VS70
CR4-2001VS70

Available Options:

Add 'T' to the end of the part number for threaded ends.



S4 Series Industrial PVC True Union Inline Strainers

EPDM O-RINGS WITH PP SCREEN

1800 MICRON (11 MESH)		1000 MICRON (18 MESH)	
SIZE	PART #	PART #	CARTON QTY
3/8"	120557	220100i	20
1/2"	120558	220101i	20
3/4"	120559	220102i	20
1"	120560	220103i	20
1-1/4"	120561	220104i	20
1-1/2"	120562	220105i	10
2"	120563	220106i	8
2-1/2"	120564		
3"	120565		
4"	121044		

VITON O-RINGS WITH PP SCREEN

1800 MICRON (11 MESH)		1000 MICRON (18 MESH)	
SIZE	PART #	PART #	CARTON QTY
3/8"	120715	220115i	20
1/2"	120716	220116i	20
3/4"	120717	220117i	20
1"	120718	220118i	20
1-1/4"	120719	220119i	20
1-1/2"	120720	220120i	10
2"	120721	220121	8
2-1/2"	120722		
3"	120723		
4"	120350		

Available Options:

Add 'T' to the end of the part number for threaded ends

Note:

1800 Micron = 11 MESH (Coarse)
1000 Micron = 18 MESH (Medium)



S4 Series Industrial PVC True Union Inline Strainers



EPDM O-RINGS WITH SS SCREEN

	1000 MICRON (18 MESH)	750 MICRON (24 MESH)	500 MICRON (35 MESH)	250 MICRON (60 MESH)
SIZE	PART #	PART #	PART #	PART #
3/8"	12473510	12473507	12473505	12473525
1/2"	12473610	12473607	12473605	12473625
3/4"	12473710	12473707	12473705	12473725
1"	12473810	12473807	12473805	12473825
1-1/4"	12473910	12473907	12473905	12473925
1-1/2"	12474010	12474007	12474005	12474025
2"	12474110	12474107	12474105	12474125
2-1/2"	12474210	12474207	12474205	12474225
3"	12474310	12474307	12474305	12474325
4"	12474410	12474407	12474405	

VITON O-RINGS WITH SS SCREEN

	1000 MICRON (18 MESH)	750 MICRON (24 MESH)	500 MICRON (35 MESH)	250 MICRON (60 MESH)
SIZE	PART #	PART #	PART #	PART #
3/8"	12473510V	12473507V	12473505V	12473525V
1/2"	12473610V	12473607V	12473605V	12473625V
3/4"	12473710V	12473707V	12473705V	12473725V
1"	12473810V	12473807V	12473805V	12473825V
1-1/4"	12473910V	12473907V	12473905V	12473925V
1-1/2"	12474010V	12474007V	12474005V	12474025V
2"	12474110V	12474107V	12474105V	12474125V
2-1/2"	12474210V	12474207V	12474205V	
3"	12474310V	12474307V	12474305V	
4"	12474410V	12474407V	12474405V	

Available Options:

Add 'T' to the end of the part number for threaded ends (up to 3" size only).

Note:

1000 Micron = 18 MESH (Medium)
750 Micron = 24 MESH (Medium)
500 Micron = 35 MESH (Fine)
250 Micron = 60 MESH (Fine)

M123 Series Industrial Compact Flow Meter

- Threaded ends also available
- Head Loss: 3/8" & 1/2": 1.81" water column or 0.066 psi
1" flow meters: 3.26" water column or 0.12 psi



PSU BODY, PVC SOCKET, PVDF FLOAT					
SIZE	RANGE (L/h)	PART #		RANGE (USGPM)	PART #
3/8"	1.5-15	73-771		0.006-0.066	73-771US
3/8"	2.5-25	73-772		0.01-0.11	73-772US
3/8"	5-50	73-773		0.02-0.22	73-773US
3/8"	10-100	73-774		0.04-0.44	73-774US
1/2"	8-80	73-775		0.035-0.35	73-775US
1/2"	15-150	73-776		0.06-0.66	73-776US
1/2"	20-200	73-777		0.08-0.8	73-777US
1"	15-150	73-778		0.06-0.66	73-778US
1"	30-300	73-779		0.13-1.3	73-779US
1"	50-500	73-780		0.22-2.2	73-780US
1"	100-1000	73-781		0.44-4.4	73-781US

M335 Series Industrial Full-Size Meter



PA BODY, PVC SOCKET, PVDF FLOAT					
SIZE	RANGE (L/h)	PART #		RANGE (USGPM)	PART #
1"	50-500	77-110		0.22-2.2	77-110US
1"	100-1000	77-111		0.44-4.4	77-111US
1-1/2"	200-2000	77-114		0.88-8.8	77-114US
1-1/2"	300-3000	77-115		1.32-13.2	77-115US
2"	600-6000	77-117		2.64-26.4	77-117US
2"	1000-10000	77-118		4.40-44	77-118US
2-1/2"	2000-20000	77-120		8.8-88	77-120US
2-1/2"	3000-30000	77-121		13.2-132	77-121US
2-1/2"	8000-60000	77-122		35.2-264	77-122US

ALL DATA IN THIS CHART IS BASED ON WATER AT 72° F OR 20° C

M335 Series Industrial Full-Size Meter



PSU BODY, PVC SOCKET, PVDF FLOAT					
SIZE	RANGE (L/h)	PART #		RANGE (USGPM)	PART #
1"	50-500	77-162		0.22-2.2	77-162US
1"	100-1000	77-163		0.44-4.4	77-163US
1-1/2"	200-2000	77-166		0.88-8.8	77-166US
1-1/2"	300-3000	77-167		1.32-13.2	77-167US
2"	600-6000	77-169		2.64-26.4	77-169US
2-1/2"	2000-20000	77-172		8.8-88	77-172US
2-1/2"	3000-30000	77-173		13.2-132	77-173US
2-1/2"	8000-60000	77-174		35.2-264	77-174US

ALL DATA IN THIS CHART IS BASED ON WATER AT 72° F OR 20° C

Limit switches for flow meters			
SWITCHING STATES	FLOAT ABOVE	FLOAT BELOW	PART #
Z40 min	Open	Closed	77287
Z42 max	Closed	Open	77288

Note: When retrofitting the flow meter with a limit switch, ensure the standard float is replaced with a solenoid float.



Industrial PP Pipe Clips

Material: High Impact copolymer polypropylene (grey)



SIZE	DIAMETER RANGE (mm)	PART #	CARTON QTY
3/8"	17-19 mm	PP-038	1200
1/2"	20-23 mm	PP-050	1000
3/4"	25-28 mm	PP-075	600
1"	31-35 mm	PP-100	500
1-1/4"	39-43 mm	PP-125	350
1-1/2"	47-51 mm	PP-150	225
2"	60-65 mm	PP-200	125
2-1/2"	72-77 mm	PP-250	150
3"	88-92 mm	PP-300	100



M1 Series Industrial 2-Way Ball Valves with Actuator Adapter Set

EPDM with PTFE Seats, Imperial Socket Ends				VITON with PTFE Seats, Imperial Socket Ends		
SIZE	PART #	BOLT CIRCLE	SQUARE COUPLING DIAGONAL	PART #	BOLT CIRCLE	SQUARE COUPLING DIAGONAL
1/2"	210133	F04	11 mm	210140	F04	11 mm
3/4"	210134	F04	11 mm	210141	F04	11 mm
1"	210135	F04	11 mm	210142	F04	11 mm
1-1/4"	210136	F05	11 mm	210143	F05	11 mm
1-1/2"	210137	F05	14 mm	210144	F05	14 mm
2"	210138	F05	14 mm	210145	F05	14 mm
2-1/2"	210528	F07	17 mm	210531	F07	17 mm
3"	210529	F07	17 mm	210532	F07	17 mm
4"	210530	F07	17 mm	210533	F07	17 mm

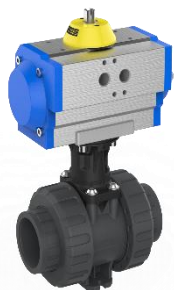
Note:

Add 'T' at the end of the part number for threaded ends at an increased price of 5% (up to 3" size only)



M1 Series Industrial Actuator Adapter Set for M1 Ball Valves

SIZE	PART #
1/2"	129011
3/4"	129012
1"	129012
1-1/4"	129013
1-1/2"	129014
2"	129014
2-1/2"	210631
3"	210632
4"	210632



M1 Series Industrial 2-Way True Union Ball Valves with MT Series Pneumatic Actuators



Double Acting		
PVC with EPDM O-Rings		PVC with Viton O-Rings
SIZE	PART #	PART #
1/2"	210-133D	210-140D
3/4"	210-134D	210-141D
1"	210-135D	210-142D
1-1/2"	210-137D	210-144D
2"	210-138D	210-145D
2-1/2"	210-528D	
3"	210-529D	
4" *	210-530D	

Spring Return		
Specify whether fail open or fail closed		
PVC with EPDM O-Rings		PVC with Viton O-Rings
SIZE	PART #	PART #
1/2"	210-133S	210-140S
3/4"	210-134S	210-141S
1"	210-135S	210-142S
1-1/2"	210-137S	210-144S
2"	210-138S	210-145S
2-1/2"	210-528S	
3"	210-529S	
4" *	210-530S	

* 3" valve with 4" molded socket ends

Add 'T' to the end of the part number for threaded ends at an increased price of 5% (up to 3" size only).

Options and Accessories - Add to list price		
Option	Item	Part#
SOLENOID VALVES	4-Way Naumur mount, NEMA 4/4X, 120 Vac	SV-120AC
	4-Way Naumur mount, NEMA 4/4X, 24 Vac	SV-24AC
	4-Way Naumur mount, NEMA 4/4X, 24 Vdc	SV-24DC
LIMIT SWITCH	Mechanical limit switch box - NEMA 4/4X	LSB



M1 Series Industrial 2-Way True Union Ball Valves with J Series Electric Actuators

24-240 VAC / VDC		
SIZE	PVC with EPDM O-Rings	PVC with VITON O-Rings
	PART #	PART #
1/2"	210-133S20	210-140S20
3/4"	210-134S20	210-141S20
1"	210-135S20	210-142S20
1 1/4"	210-136S20	210-143S20
1-1/2"	210-137S20	210-144S20
2"	210-138S20	210-145S20
2-1/2"	210-528S55	210-531S55
3"	210-529S55	210-532S55
4" *	210-530S55	210-533S55

* 3" valve venturied to 4"

Add 'T' to the end of the part number for threaded ends at an increased price of 5% (up to 3" size only).

Options - Add to the list price	
Option	Part#
4-20 mA Positioner	J-POS420
0-10 Volt Positioner	J-POS010
Electric Failsafe (Battery)	J-BAT
CSA Certification	J-CSA



S4 Series Industrial 3-Way True Union Ball Valves with MT Series Pneumatic Actuators

Double Acting				
PVC with EPDM O-Rings, L-Port		PVC with VITON O-Rings, L-Port	PVC with EPDM O-Rings, T-Port	PVC with VITON O-Rings, T-Port
SIZE	PART #	PART #	PART #	PART #
1/2"	BVL-105D	BVL-105DV	BVT-105D	BVT-105DV
3/4"	BVL-107D	BVL-107DV	BVT-107D	BVT-107DV
1"	BVL-110D	BVL-110DV	BVT-110D	BVT-110DV
1-1/4"	BVL-112D	BVL-112DV	BVT-112D	BVT-112DV
1-1/2"	BVL-115D	BVL-115DV	BVT-115D	BVT-115DV
2"	BVL-120D	BVL-120DV	BVT-120D	BVT-120DV

Spring Return				
PVC with EPDM O-Rings, L-Port		PVC with VITON O-Rings, L-Port	PVC with EPDM O-Rings, T-Port	PVC with VITON O-Rings, T-Port
SIZE	PART #	PART #	PART #	PART #
1/2"	BVL-105S	BVL-105SV	BVT-105S	BVT-105SV
3/4"	BVL-107S	BVL-107SV	BVT-107S	BVT-107SV
1"	BVL-110S	BVL-110SV	BVT-110S	BVT-110SV
1-1/4"	BVL-112S	BVL-112SV	BVT-112S	BVT-112SV
1-1/2"	BVL-115S	BVL-115SV	BVT-115S	BVT-115SV
2"	BVL-120S	BVL-120SV	BVT-120S	BVT-120SV

Add 'T' to the end of the part number for threaded ends at an increased price of 5%.

Options and Accessories - Add to list price		
Option	Item	Part#
SOLENOID VALVES	4-Way Naumur mount, NEMA 4/4X, 120 Vac	SV-120AC
	4-Way Naumur mount, NEMA 4/4X, 24 Vac	SV-24AC
	4-Way Naumur mount, NEMA 4/4X, 24 Vdc	SV-24DC
LIMIT SWITCH	Mechanical limit switch box - NEMA 4/4X	LSB



S4 Series Industrial 3-Way True Union Ball Valves with J Series Electric Actuators

24-240 VAC / VDC				
PVC with EPDM O-Rings, L-Port		PVC with VITON O-Rings, L-Port	PVC with EPDM O-Rings, T-Port	PVC with VITON O-Rings, T-Port
SIZE	PART #	PART #	PART #	PART #
1/2"	105-3-110-L	105-3-110-LV	105-3-110-T	105-3-110-TV
3/4"	107-3-110-L	107-3-110-LV	107-3-110-T	107-3-110-TV
1"	110-3-110-L	110-3-110-LV	110-3-110-T	110-3-110-TV
1-1/4"	112-3-110-L	112-3-110-LV	112-3-110-T	112-3-110-TV
1-1/2"	115-3-110-L	115-3-110-LV	115-3-110-T	115-3-110-TV
2"	120-3-110-L	120-3-110-LV	120-3-110-T	120-3-110-TV

Add 'T' to the end of the part number for threaded ends at an increased price of 5%.

Options - Add to the list price	
Option	Part#
4-20 mA Positioner	J-POS420
0-10 Volt Positioner	J-POS010
Electric Failsafe (Battery)	J-BAT
CSA Certification	J-CSA

Pneumatic Actuators for 2-Way & 3-Way Ball Valves

Price is for actuator only



MT Series: Great for heavy duty applications. Rack and Pinion design. ISO 5211 dimensions on all sizes. No special blocks are required to mount solenoid valves, limit switches or positioners. All internal and external surfaces are hard anodized for corrosion resistance, with all units permanently lubricated at the factory with non-silicone grease.

Valve Size	Spring Return	Double Acting
1/2"	MT-122	MT-12D
3/4"	MT-122	MT-12D
1"	MT-122	MT-12D
1-1/4"	MT-164	MT-16D
1-1/2"	MT-174	MT-17D
2"	MT-214	MT-21D
2-1/2"	MT-314	MT-31D
3"	MT-364	MT-36D
4"	MT-364	MT-36D

Options and Accessories - Add to list price		
Option	Item	Part#
SOLENOID VALVES	4-Way Naumur mount, NEMA 4/4X, 120 Vac	SV-120AC
	4-Way Naumur mount, NEMA 4/4X, 24 Vac	SV-24AC
	4-Way Naumur mount, NEMA 4/4X, 24 Vdc	SV-24DC
LIMIT SWITCH	Mechanical limit switch box - NEMA 4/4X	LSB

Electric Actuators for 2-Way & 3-Way Ball Valves

Price is for actuator only



J-Series: Rugged weatherproof and anti-corrosive Polyamide housing, the J series offers more user-friendly features, and introduces a highly visible LED status light. It is quick, multi directional and easy to install, with ISO:5211 multi flange mounting and a double square drive, allowing fast mounting to ISO5211 valves. DIN connectors are included.

Standard features include: 4 Auxiliary Limit Switches, Anti-Condensation Heater, and Overload Protection

	24-240 VAC / VDC
Valve Size	Part#
1/2"	J-420S
3/4"	J-420S
1"	J-420S
1-1/4"	J-420S
1-1/2"	J-420S
2"	J-420S
2-1/2"	J-455S
3"	J-455S
4"	J-455S

Options - Add to the list price	
Option	Part#
4-20 mA Positioner	J-POS420
0-10 Volt Positioner	J-POS010
Electric Failsafe (Battery)	J-BAT
CSA Certification	J-CSA



S4 Series Industrial 3-Way Ball Valves with Actuator Mounting Set



	PVC with PTFE seats, EPDM O-Rings, Socket Ends	
SIZE	T-BALL PART #	L-BALL PART #
1/2"	124815	124801
3/4"	124816	124802
1"	124817	124803
1-1/4"	124818	124804
1-1/2"	124819	124805
2"	124820	124806

	PVC with PTFE seats, Viton O-Rings, Socket Ends	
	T-BALL PART #	L-BALL PART #
	124822	124808
	124823	124809
	124824	124810
	124825	124811
	124826	124812
	124827	124813

- PP & PVDF available upon request

PRAHER PLASTICS CANADA LTD. | 101 Saunders Road, Barrie, Ontario L4N 9A7 Canada

Phone: 705-725-1100 | Fax: 705-725-0444 | www.praherplastics.ca

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S4 Series Industrial PVC, PP, PVDF Ball Valve Brackets



Note:

1. Brackets will only fit Praher S4 series ball valves only.
2. Can be mounted onto a panel

	3-WAY PVC	3-WAY PP/PVDF	2-WAY CPVC
SIZE	PART #	PART #	PART #
1/2"	-170042	-170511	-170943
3/4"	-170022	-170512	-170944
1"	-170022	-170512	-170945
1-1/4"	-170001	-170513	-170946
1-1/2"	-170001	-170513	-170947
2"	-170018	-170514	-170948



S4 Series Industrial Actuator Mounting Kit for S4 True Union Ball Valves

CONSISTS OF:

- Set of stainless steel hardware
- Actuator mounting base (Namur standard)
- Shaft coupler (Namur standard)
- PVDF valve stem

	PVC/PP/PVDF	CPVC		
SIZE	PART #	PART #	SQUARE COUPLING DIAGONAL	BOLT CIRCLE ON MOUNTING PAD
1/2"	-122103	-126628	11 mm	F04
3/4"	-122083	-126629	11 mm	F04
1"	-122083	-126629	11 mm	F04
1-1/4"	-121985	-126630	14 mm	F05
1-1/2"	-121986	-126631	14 mm	F05
2"	-121986	-126631	14 mm	F05
2-1/2"	-122052		17 mm	F07
3"	-122065		17 mm	F07
4"	-122065		17 mm	F07



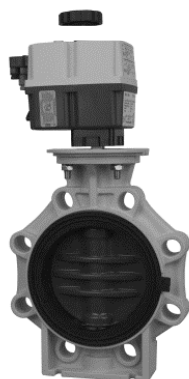
K4 Series Industrial Butterfly Valves with MT Series Pneumatic Actuators



Double Acting			
PVC with EPDM Seat		PVC with VITON Seat	
SIZE	PART #	PART #	
3"	BF-130D	BF-130DV	
4"	BF-140D	BF-140DV	
6"	BF-160D	BF-160DV	
8"	BF-180D	BF-180DV	

Spring Return			
Specify whether fail open or fail closed			
PVC with EPDM Seat		PVC with VITON Seat	
PART #		PART #	
BF-130S		BF-130SV	
BF-140S		BF-140SV	
BF-160S		BF-160SV	
BF-180S		BF-180SV	

Options and Accessories - Add to list price		
Option	Item	Part#
SOLENOID VALVES	4-Way Naumur mount, NEMA 4/4X, 120 Vac	SV-120AC
	4-Way Naumur mount, NEMA 4/4X, 24 Vac	SV-24AC
	4-Way Naumur mount, NEMA 4/4X, 24 Vdc	SV-24DC
LIMIT SWITCH	Mechanical limit switch box - NEMA 4/4X	LSB



K4 Series Industrial Butterfly Valves with J Series Electric Actuators

24-240 VAC / VDC			
PVC with EPDM Seat		PVC with VITON Seat	
SIZE	PART #	PART #	
3"	BF-1355H	BF-1355HV	
4"	BF-1455H	BF-1455HV	
6"	BF-1614H	BF-1614HV	
8"	BF-1830H	BF-1830HV	

Options and Accessories	
Add to the price of the actuator	
Option	Part#
4-20 mA Positioner	J-POS420
0-10 Volt Positioner	J-POS010
Electric Failsafe (Battery)	J-BAT
CSA Certification	J-CSA

Pneumatic Actuators for Butterfly Valves

Price is for actuator only

MT Series: Great for heavy duty applications. Rack and Pinion design. ISO 5211 dimensions on all sizes. No special blocks are required to mount solenoid valves, limit switches or positioners. All internal and external surfaces are hard anodized for corrosion resistance, with all units permanently lubricated at the factory with non-silicone grease.

Valve Size	Spring Return Model	Double Acting Model
3"	MT-364	MT-36D
4"	MT-364	MT-36D
6"	MT-464	MT-46D
8"	MT-514	MT-51D



Options and Accessories - Add to list price		
Option	Item	Part#
SOLENOID VALVES	4-Way Naumur mount, NEMA 4/4X, 120 Vac	SV-120AC
	4-Way Naumur mount, NEMA 4/4X, 24 Vac	SV-24AC
	4-Way Naumur mount, NEMA 4/4X, 24 Vdc	SV-24DC
LIMIT SWITCH	Mechanical limit switch box - NEMA 4/4X	LSB

Electric Actuators for Butterfly Valves

Price is for actuator only

J-Series: Rugged weatherproof and anti-corrosive Polyamide housing, the J series offers more user-friendly features, and introduces a highly visible LED status light. It is quick, multi directional and easy to install, with ISO:5211 multi flange mounting and a double square drive, allowing fast mounting to ISO5211 valves. DIN connectors are included.

Standard features include: 4 Auxiliary Limit Switches, Anti-Condensation Heater, and Overload Protection



		Options and Accessories Add to the price of the actuator	
Valve Size	Part#	Option	Part#
3"	J-455S	4-20 mA Positioner	J-POS420
4"	J-455S	0-10 Volt Positioner	J-POS010
6"	J-4140S	Electric Failsafe (Battery)	J-BAT
8"	J-4300S	CSA Certification	J-CSA

24 VAC Multi-Position Aquastar C/W Multiport valve



NOTE: Controls such as pressure switch, timers, relays, on & off switches for controlling Aquastar actuator are not included and must be provided by your own PLC system.

For clean water use only. Not to be used in a high humidity environment or direct sunlight

FEATURES:

- 24 VAC (max. 0.5 Amp.) 6 position valve actuator.
- With or without manual override (override only available on 1.5" and 2").
- Controls and power supply to be supplied by others.
- Very economical and the most universal automated valve actuator on the market.
- Internal pump limit switch will disrupt pump during actuator's positioning mode.
- ISO 9001 facility.
- Also available in 1 1/2"-2" top mount models (TM)
- MP = PROGRAMMABLE LOGIC CONTROL



APPLICATIONS:

- On all existing and new sand filters with automatic backwash requirements that can provide pressure monitoring or timing and are able to provide control signal to MP-Aquastar actuator.

Model #	Valve	Description
AMP-SM30AOB	3"	24 VAC Multi-position SM-30-AO 6 pos
131386	1 1/2" - 2"	Actuator w ithout valve - 24 VAC
131387	3"	Actuator w ithout valve - 24 VAC

Aquastar Control

FEATURES:

- Time and pressure backwash cycle release
- Adjustable pressure sensor switch (adjusted with dip switches on circuit board) (5.8 PSI – 83 PSI)
- Basic Timer with three basic settings on dip switch (3 days, 1 week, 2 week backwash interval settings)
- Digital time clock for flexible time controlled backwash release cycles (up to 25 release times)
- Option of external backwash cycle release included
- RECIRCULATION (Filter BY PASS Actuator Position) actuator-valve position for filter maintenance standard
- DRAIN position for lowering water level or service
- Integrated pump control (interlock) relay contacts
- Adjustable backwash timers (potentiometers) 50 sec - 90 min
- Adjustable rinse timers (potentiometers) 25-200 seconds
- Adjustable backwash cycle delay timer 20 sec- 23 min—with integrated relay contact for heater or chemical feeder control
- Auxiliary relay control-contacts for secondary valve control. i.e. city water backwash
- Power control terminal for external back wash cycle start release from other control sources
- Watertight-chemical resistant touch pad control

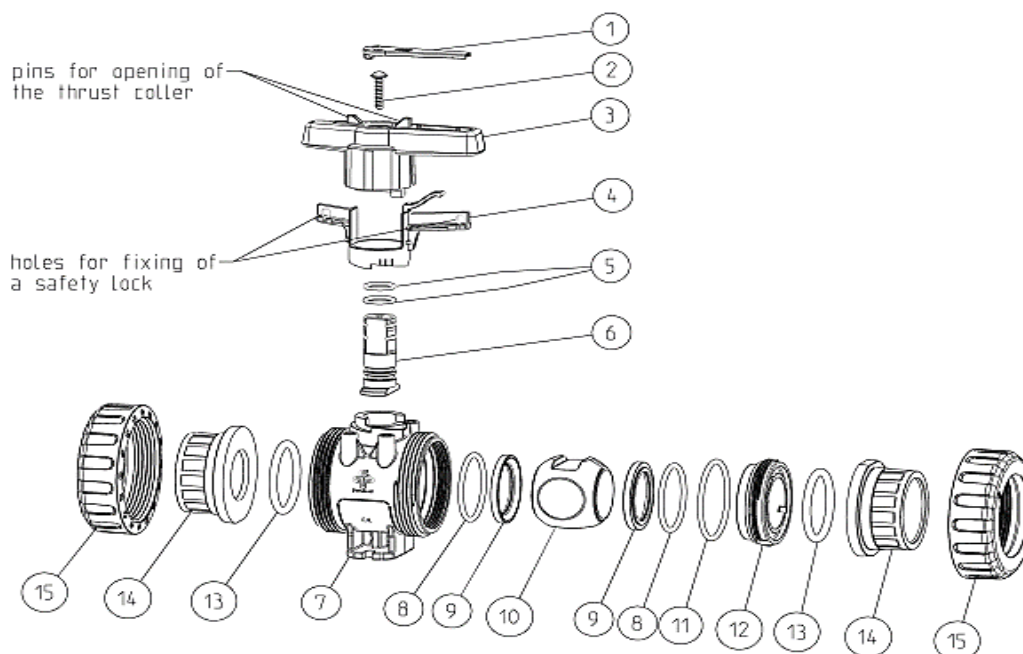
Model #	Description
131494	Actuator for 3" valve - 24V AC/DC
131495	Actuator for 3" valve - 24V AC/DC or 110-240VAC or 170-300 VDC

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Parts – M1 PVC True Union Ball Valves



	#1-4 HANDLE KIT	#5 & 6 - STEM WITH EPDM O-RING	#5 & 6 - STEM WITH VITON O-RING	#7 - BODY	#8A - SEAT CUSHION (EPDM)	#8B - SEAT CUSHION (VITON)	#9 - TEFLON SEAT
SIZE	PART #	PART #	PART #	PART #	PART #	PART #	PART #
1/2"	124686	142652		102205	E19X2	V19X2	51370
3/4"	124687	142653		102206	E25X2	V25X2	51371
1"	124688	142653		102207	E30X2	V30X2	51372
1-1/4"	124689	142654		102208	E126	V126	51373
1-1/2"	124690			102196	E135	V135	51357
2"	124691			102209	E58X3	V58X3	51374
2-1/2"	124692			102333	E78X3	V78X3	
3"	124693			102340	E94X3	V94X3	
4"	124693			102346	E94X3	V94X3	

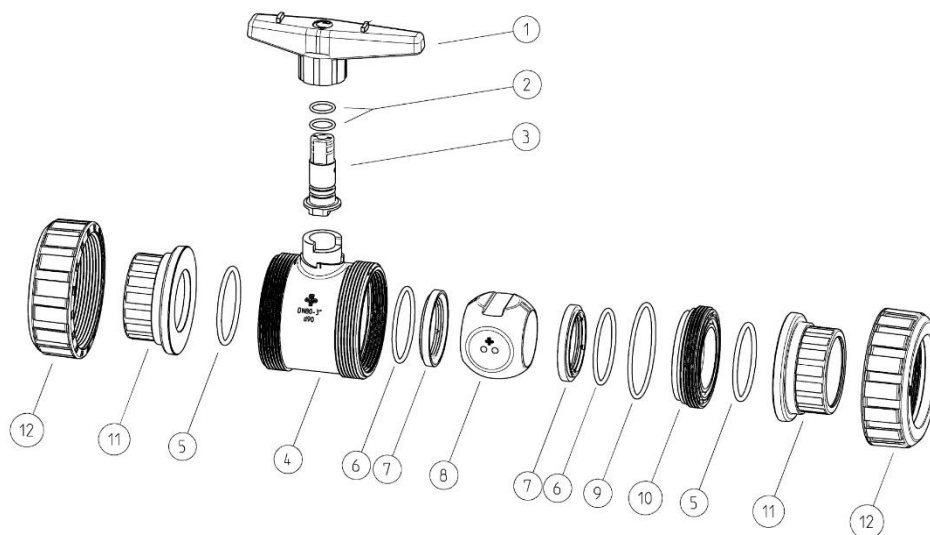
	#10 - BALL (PVC)	#11 - CARRIER O-RING	#12 - CARRIER (RETAINING RING)	#13A - FACE O-RING (EPDM)	#14A - SOCKET END	#14B - THREADED END	#15 - NUT
SIZE	PART #	PART #	PART #	PART #	PART #	PART #	PART #
1/2"	101933	E26X3	102210	E20X3	TU05010	TU05011	102215
3/4"	101934	E33X3	102211	E20X3	TU07510	TU07511	102216
1"	101935	E38X3	102212	E215	TU10010	TU11011	102217
1-1/4"	101936	E50X3	102213	E218	TU12510	TU12511	102218
1-1/2"	101517A	E142	102197	E223	TU15010	TU15011	102195
2"	101518B	E233	102214	N328	TU20010	TU20011	102219
2-1/2"	101992	E98X4	102337	E75X6	TU25010	TU25011	102336
3"	102063	E124X5.7		E90X6	TU30010	TU30011	102341
4"			E347	TU40010	TU40011		

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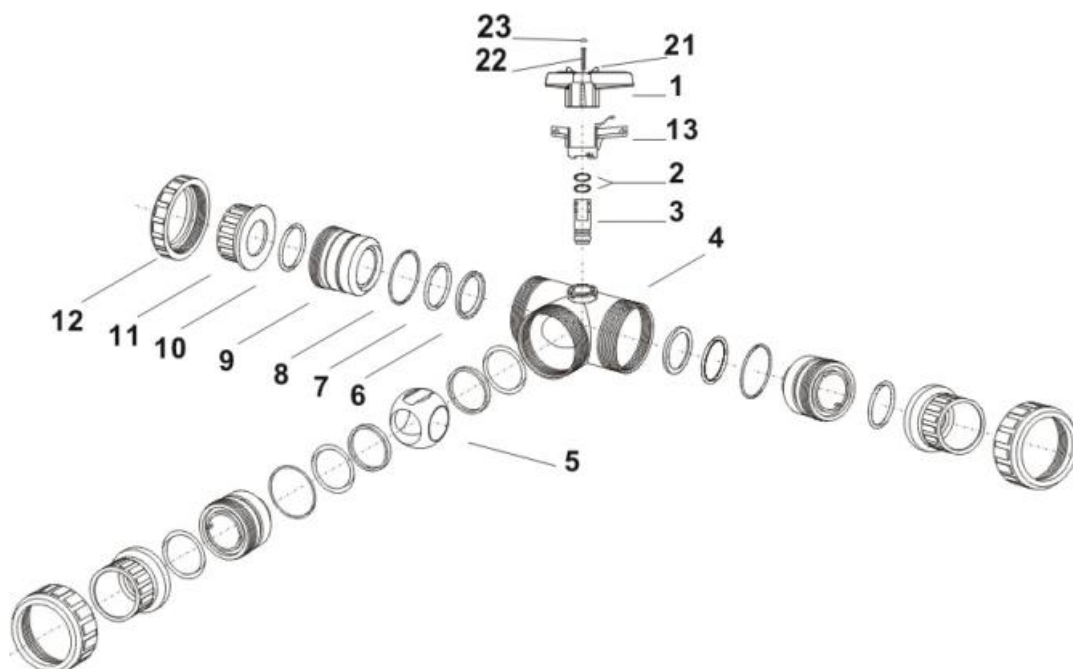
Parts – S6 PVC True Union Ball Valves (Econo)



	#1 - HANDLE (RED)	#2 & 3 - STEM WITH EPDM O-RINGS	#4 - BODY	#5 - FACE O-RING (EPDM)	#7 - TEFLON BALL SEAT	#8 - BALL
SIZE	PART #	PART #	PART #	PART #	PART #	PART #
1/2"	100593A	140163A	101929	E22X3	50940	101933
3/4"	100594B	140610A	101930	E216	50941	101934
1"	100805A	140610A	101931	E218	50942	101935
1-1/4"	100595B	140618A	101932	E40X3.5	50943	101936
1-1/2"	100583B		101515A	N328	50736	101517A
2"	101169B		101516	E331	50737	101518
2-1/2"	100076A		142483	E75X6	51161	101922
3"	102068A		142357	E90X6	51188	102063

	#9 - CARRIER O- RING (EPDM)	#10 - CARRIER (RETAINER RING)	#11A - UNION SOCKET END	#11B - UNION THREADED END	#12 - NUT
SIZE	PART #	PART #	PART #	PART #	PART #
1/2"	E28X3	101937	TU05010	TU05011	101941
3/4"	E33X3	101938	TU07510	TU07511	101942
1"	E38X3	101939	TU10010	TU11011	101943
1-1/4"	E48X3	101940	TU12510	TU12511	101944
1-1/2"	E228	101513A	TU15010	TU15011	101519
2"	E232	101514	TU20010	TU20011	101520
2 1/2"	E90X4	101993	TU25010	TU25011	101995
3"	E349	102064	TU30010	TU30011	102066
4"	E349	102064	TU40010	TU40011	142112

Parts – S4 PVC 3-Way True Union Ball Valves

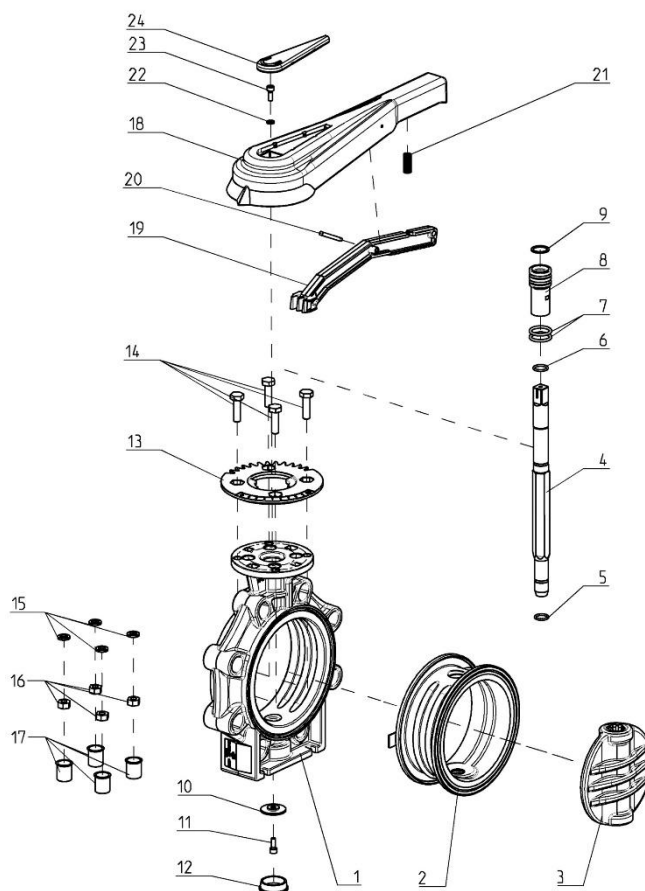


	#1A L-HANDLE	#1B T-HANDLE	#2 & 3 - STEM WITH EPDM O-RINGS	#2 & 3 - STEM WITH VITON O-RINGS	#4 - BODY	#5A L-BALL	#5B T-BALL	#6 - TEFLON BALL SEAT
SIZE	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #
1/2"	141242	141241	140163A		141256	141258	141257	50387
3/4"	141235	141236	140610A		140528	140540	140529	50065
1"	141235	141236	140610A		140528	140540	140529	50065
1-1/4"	141237	141238	140618A		141180	141175	141174	50048
1-1/2"	141237	141238	140422A		141180	141175	141174	50048
2"	141239	141240	140422A		141181	141177	141176	50049

	#7A - SEAT CUSHION (EPDM)	#7B - SEAT CUSHION (VITON)	#8A - CARRIER O-RING (EPDM)	#8B - CARRIER O-RING (VITON)	#9 - RETAINER RING	#10A - FACE O-RING (EPDM)	#10B - FACE O-RING (VITON)	#11 - UNION SOCKET END
SIZE	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #
1/2"	E008	V008	E26X3	V26X3	101059	E26X3	V26X3	TU05010
3/4"	E024	V024	E38X3	V38X3	100861	E32X3.5	V32X3.5	TU07510
1"	E024	V024	E38X3	V38X3	100861	E218	V218	TU10010
1-1/4"	E40X2.5		E356	V356	101300	E319	V319	TU12510
1-1/2"	E129	V129	E228	V228	101300	N328	V328	TU15010
2"	E135	V135	E231	V231	101301	E331	V331	TU20010

	#11 - UNION THREADED END	#12 - NUT
SIZE	PART #	PART #
1/2"	TU05011	100454
3/4"	TU07511	100455
1"	TU10011	100456
1-1/4"	TU12511	100457
1-1/2"	TU15011	100423A
2"	TU20011	100499A

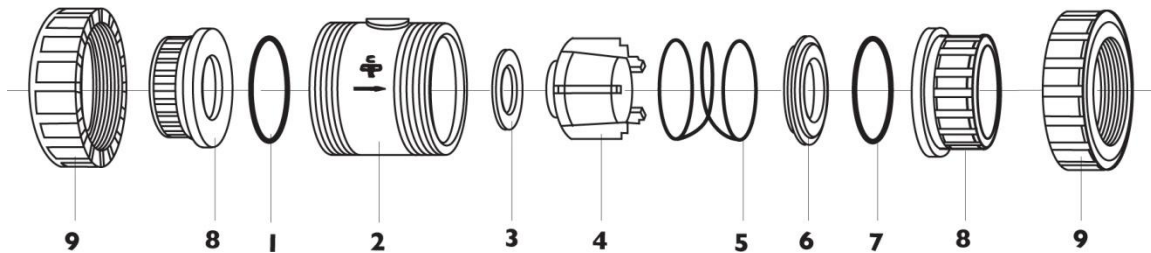
Parts – K4 Butterfly Valves with lever handle



	#2, 3, 5, 6, 7, 9 - EPDM SEAT & O-RINGS WITH PVC DISC SET	#2, 3, 5, 6, 7, 9 - VITON SEAT & O-RINGS WITH PVC DISC SET	#2, 3, 5, 6, 7, 9 - EPDM SEAT & O-RINGS WITH PP DISC SET	#2, 3, 5, 6, 7, 9 - VITON SEAT & O-RINGS WITH PP DISC SET
SIZE	PART #	PART #	PART #	PART #
2-1/2"	141786	141791	141796	141801
3"	141787	141792	141797	141802
4"	141788	141793	141798	141803
6"	141789	141794	141799	141804
8"	141790	141795	141800	141805

	#2, 3, 5, 6, 7, 9 - VITON SEAT & O-RINGS WITH PVDF DISC SET	#13 - POSITION LOCK PLATE	#18 - 24 HANDLE ASSEMBLY
SIZE	PART #	PART #	PART #
2-1/2"	141806	101700B	142790
3"	141807	101700B	142790
4"	141808	101700B	142791
6"	141809	101701	142792
8"	141810	101701	142792

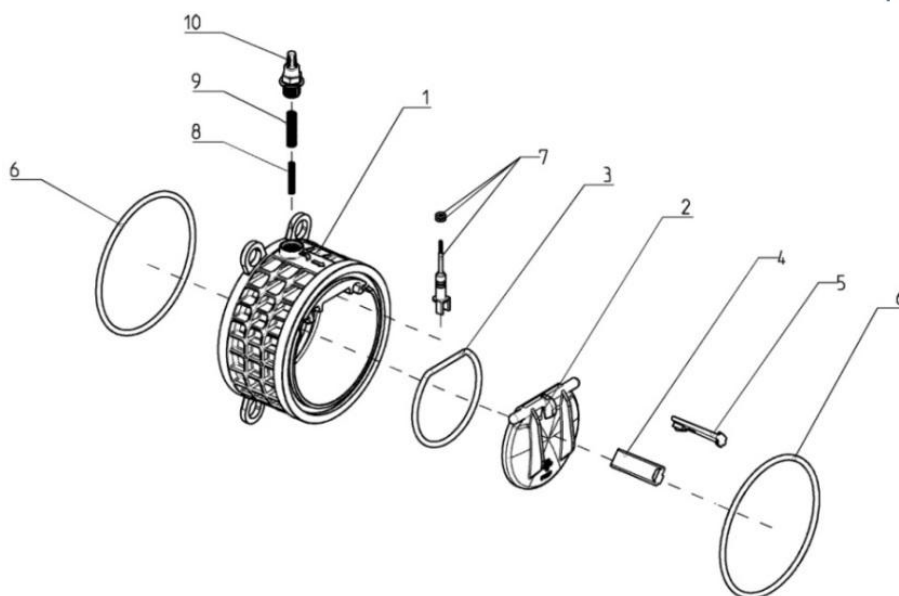
Parts – S4 PVC Double Union Spring Check Valves



	#1 - FACE O-RING	#2 - BODY	#3 - GASKET	#4 - CONE	#5 - SS SPRING	#5A - TEFLON ENCAPSULATED SS SPRING
SIZE	PART #	PART #	PART #	PART #	PART #	PART #
1/2"	E20X3	3-050-2	3-050-3	3-050-4	3-050-5	140451
3/4"	E215	3-075-2	3-075-3	3-075-4	3-075-5	140452
1"	E218	3-100-2	3-100-3	3-100-4	3-100-5	140453
1-1/4"	E223	3-125-2	3-125-3	3-125-4	3-125-5	140454
1-1/2"	E328	3-150-2	3-150-3	3-150-4	3-150-5	140455
2"	E331	3-200-2	3-200-3	3-200-4	3-200-5	140456
2-1/2"	E75X6	3-250-2	3-250-3	3-250-4	3-250-5	140457
3"	E90X6	3-300-2	3-300-3	3-300-4	3-300-5	140458

	#5B - HASTELLOY SPRING	#6 - RETAINER RING	#7 - O-RING	#8 - UNION SOCKET END	#8 - UNION THREADED END	#9 - NUT
SIZE	PART #	PART #	PART #	PART #	PART #	PART #
1/2"	3-050-5H	3-050-6	E217	TU05010	TU05011	TU05012
3/4"	3-075-5H	3-075-6	E220	TU07510	TU07511	TU07512
1"	3-100-5H	3-100-6	E223	TU10010	TU10011	TU10012
1-1/4"	3-125-5H	3-125-6	E226	TU12510	TU12511	TU12512
1-1/2"	3-150-5H	3-150-6	E332	TU15010	TU15011	TU15012
2"	3-200-5H	3-200-6	E337	TU20010	TU20011	TU20012
2-1/2"	3-250-5H	3-250-6	E125X6	TU25010	TU25011	TU25012
3"	3-300-5H	3-300-6	E128X6	TU30010	TU30011	TU30012

Parts – K4 Swing Check Valve with Spring



	#1 - BODY (PVC)	#2 - FLAPPER (PVC)	#3 - FLAPPER EPDM O-RING	#3 - FLAPPER VITON O-RING	#4 & 5 - FLAPPER WITH EPDM O-RING & LEFT & RIGHT POST	#4 & 5 - FLAPPER WITH VITON O-RING & LEFT & RIGHT POST
SIZE	PART #	PART #	PART #	PART #	PART #	PART #
3"	141707	141708	330-EP60	330-VP60	141752	141749
4"	141713	141714	337-EP60	337-VP60	141752	141749
6"	141719	141720	425-EP60	425-VP60	141753	141750
8"	141731	141726	438-EP60	438-VP60	141753	141750
10"	141737	141732	50859	50869	141754	141751

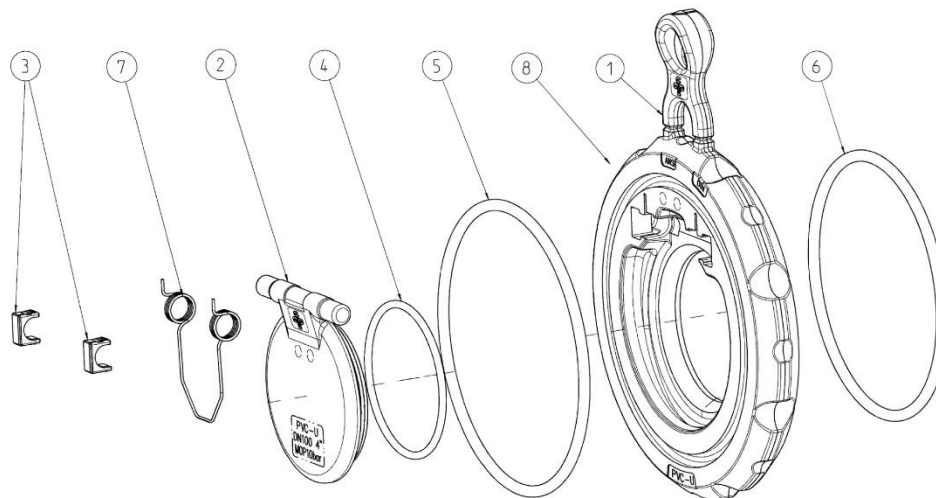
	#6 - EPDM BODY O-RING (2 REQUIRED)	#6 - VITON BODY O-RING (2 REQUIRED)
SIZE	PART #	PART #
3"	Q-346EP60	Q-346VP60
4"	Q-354EP60	Q-354VP60
6"	Q-441EP60	Q-441VP60
8"	Q-233X7EP60	Q-233X7VP60
10"	Q-291X7EP60	Q-291X7VP60

	#7 -10 - INDICATOR PIN WITH EPDM O-RING, SMALL & LARGE SPRINGS, INDICATOR COVER	#7 -10 - INDICATOR PIN WITH VITON O-RING, SMALL & LARGE SPRINGS, INDICATOR COVER
SIZE	PART #	PART #
3"	142423	142422
4"	142423	142422
6"	141747	141744
8"	141747	141744
10"	141748	141745

Parts – K6 PVC Wafer Check Valve

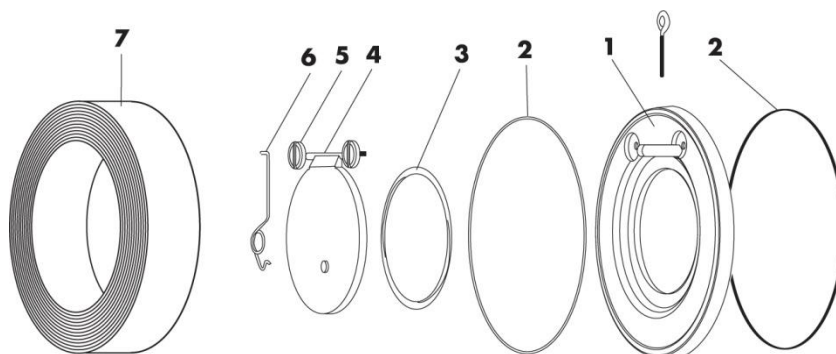
Parts List/Diagram

1. Body
2. Flapper
3. Flapper clip
4. Flapper O-Ring
5. Body O-Ring, front
6. Body O-Ring, back
7. SS Spring
8. Label



	#2 & 3 - EPDM O-RING FLAPPER KIT (FLAPPER + FLAPPER CLIPS)	#2 & 3 - VITON O-RING FLAPPER KIT (FLAPPER + FLAPPER CLIPS)	#4, 5 & 6 EPDM O-RING KIT	#4, 5 & 6 VITON O-RING KIT	#7 & 8 - STAINLESS STEEL SPRING KIT (SS SPRING + LABEL)
SIZE	PART #	PART #	PART #	PART #	PART #
1-1/2"	142306A	142488	142282	142290	142298
2"	142307A	142489	142283	142291	142299
2-1/2"	142308A	142490	142284	142292	142300
3"	142309A	142491	142285	142293	142301
4"	142310A	142492	142286	142294	142302
5"	142311A	142493	142287	142295	142303
6"	142312A	142494	142288	142296	142304
8"	142313A	142495	142289	142297	142305
10"	142487A	142496	142564	142563	142565
12"	142434A	142497	142435	142436	142433
14"	142671	142672			

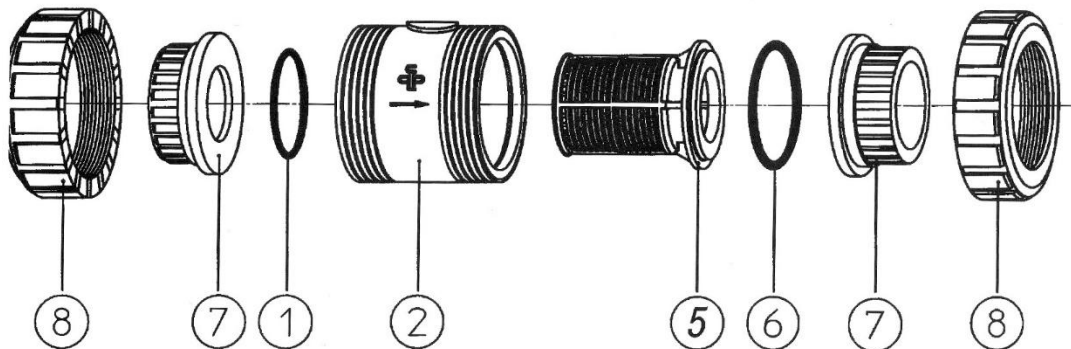
Parts – S4 PVC/PP/PVDF Wafer Check Valves



	#1 - BODY PVC	#1 - BODY PP	#1 - BODY PVDF	#2 - BODY O- RING (EPDM)	#2 - BODY O- RING (VITON)	#2 - BODY O-RING (VITON/TEFLON)
SIZE	PART #	PART #	PART #	PART #	PART #	PART #
2"		461-20-1	462-20-1	E235	V235	VT235
2-1/2"		461-25-1	462-25-1	E241	V241	VT241
3"		461-30-1	462-30-1	E245	V245	VT245
4"		461-40-1	462-40-1	E254	V254	VT254
6"		461-60-1	462-60-1	E264	V264	VT264
8"		461-80-1	462-80-1	E273	V273	VT273
10"	460-100-1	461-100-1	462-100-1	E278	V278	VT278
12"	460-120-1	461-120-1	462-120-1	E280	V280	VT280
14"	460-140-1			E385	V385	
16"	460-160-1			E450X5.7	V450X5.7	

	#3 - DISC O- RING (EPDM)	#3 - DISC O- RING (VITON)	#3 - DISC O-RING (VITON/TEFLON)	#4 - DISC (FLAPPER) PVC	#4 - DISC (FLAPPER) PP	#5 -SCREW - PP (2 PIECES REQUIRED)	#6 - SPRING SS
SIZE	PART #	PART #	PART #	PART #	PART #	PART #	PART #
2"	E220	V220	VT220		461-20-4	461-20-5	460-20-6
2-1/2"	E327	V327	VT327		461-25-4	461-25-5	460-25-6
3"	E331	V331	VT331		461-30-4	461-30-5	460-30-6
4"	E336	V336	VT336		461-40-4	461-40-5	460-40-6
6"	E425	V425	VT425		461-60-4	461-60-5	460-60-6
8"	E437	V437	VT437		461-80-4	461-80-5	460-80-6
10"	E195X8	V195X8	VT195X8	460-100-4	461-100-4	461-100-5	460-100-6
12"	E230X8	V230X8	VT230X8	460-120-4	461-120-4	461-120-5	460-120-6
14"	E270X8	V270X8		460-140-4		461-140-5	460-140-6
16"	E310X8	V310X8		460-160-4		461-160-5	460-160-6

Parts – S4 PVC Inline Strainer (1800 Micron)



	#1 - BODY O-RING	#2 - BODY	#5 - 1800 MICRON PP SCREEN CAGE	#6 - O-RING FOR CAGE	#7 - SOCKET END	#8 - NUT
SIZE	PART #	PART #	PART #	PART #	PART #	PART #
1/2"	E20X3	100475	100276	E216	TU05010	100454
3/4"	E26X3.5	100476	100277	E35X3.5	TU07510	100455
1"	E32X3.5	100477	100325	E40X3.5	TU10010	100456
1-1/4"	E40X3.5	100478	100326	E52X3.5	TU12510	100457
1-1/2"	N328		100518	E332	TU15010	100423
2"	E331		100521	E337	TU20010	100499
2-1/2"	E75X6	140971	100483	E100X6	TU25010	100550
3"	E90X6	140972	100491	E130X6	TU30010	100288
4"	E108X6		100491	E130X6	TU40010	140688

Parts –

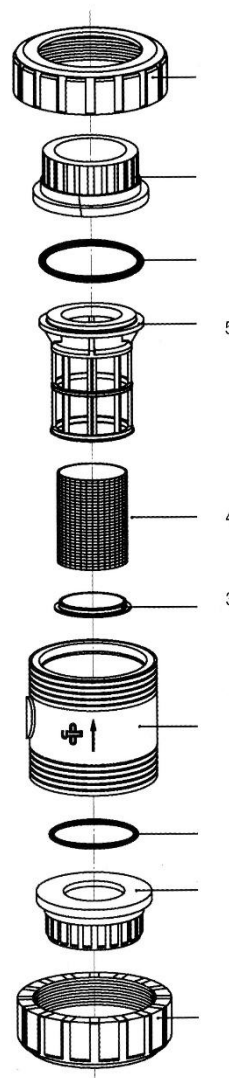
S4 PVC Inline Strainer w/ SS Mesh (1000 750, 500, 250 Micron)

#3 + #5 - BASKET & RETAINING RING KIT	
SIZE	PART #
1/2"	141474
3/4"	141475
1"	141476
1-1/4"	141477
1-1/2"	141478
2"	141479
2-1/2"	141480
3"	141481
4"	141481

#4.1 - 1000 SS MICRON SCREEN		#4.2 - 750 SS MICRON SCREEN
SIZE	PART #	PART #
1/2"	50622	50614
3/4"	50624	50616
1"	50624	50616
1-1/4"	50625	50617
1-1/2"	50626	50618
2"	50627	50619
2-1/2"	50628	50620
3"	50629	50621
4"	50629	50621

#4.3 - 500 SS MICRON SCREEN		#4.4 - 250 SS MICRON SCREEN
SIZE	PART #	PART #
1/2"	50606	250SS050
3/4"	50608	250SS751
1"	50608	250SS751
1-1/4"	50609	250SS125
1-1/2"	50610	250SS150
2"	50611	
2-1/2"	50612	
3"	50613	
4"	50613	

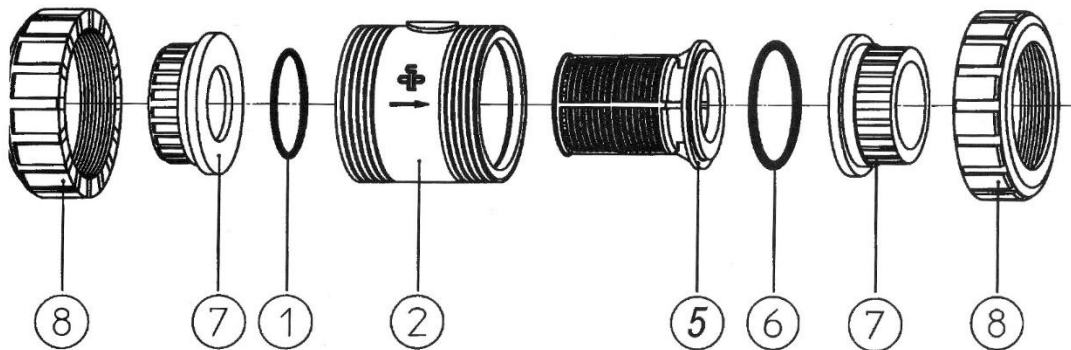
#4.4 - 104 SS MICRON SCREEN	
SIZE	PART #
1/2"	104SS050



Note:

1800 Micron = 11 MESH (Coarse)
 1000 Micron = 18 MESH (Medium)
 750 Micron = 24 MESH (Medium)
 500 Micron = 35 MESH (Fine)
 250 Micron = 60 MESH (Fine)
 104 Micron = 140 MESH (Fine)

Parts – CR4 Inline Strainer (690 Micron)

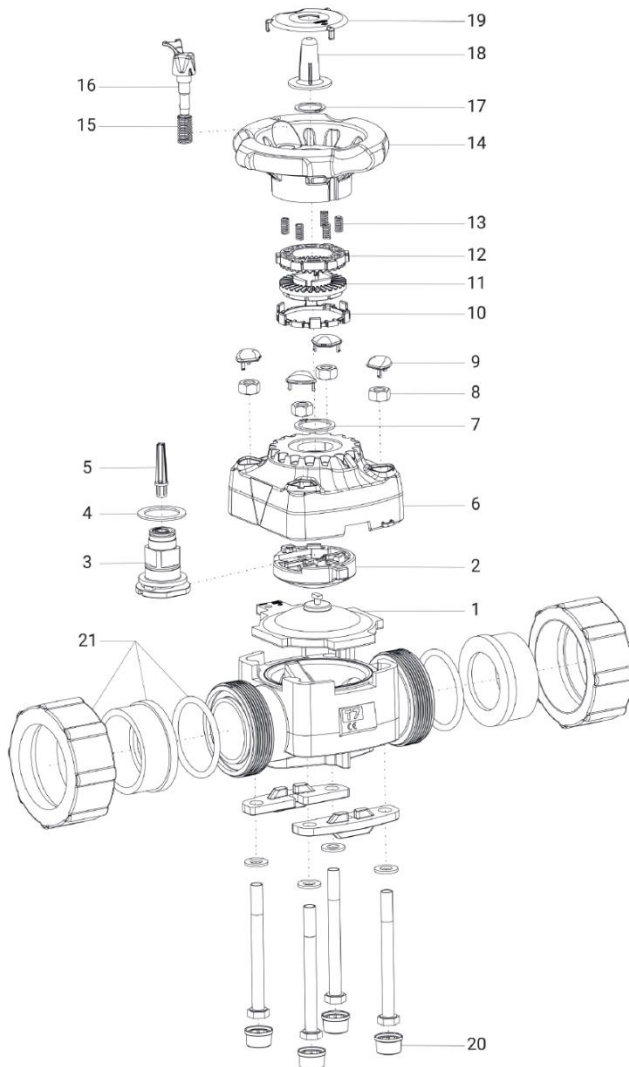


Note:

	#1 - BODY O-RING	#2 - PVC BODY	#5 - 690 PVC MICRON SCREEN	#6 - O-RING for CAGE	#7A - SOCKET END	#7B - THREADED END	#8 - NUT
SIZE	PART #	PART #	PART #	PART #	PART #	PART #	PART #
3/8"	E32X3.5	100477	690-CR4110	E39.7X3.5	10097438	10097438T	100456
1/2"	E32X3.5	100477	690-CR4110	E39.7X3.5	10097405	10097405T	100456
3/4"	E32X3.5	100477	690-CR4110	E39.7X3.5	10097475	10097475T	100456
1"	E32X3.5	100477	690-CR4110	E39.7X3.5	100974	TU10011	100456
1-1/4"	E331	100480	690-CR4220	E337	10056125	10056125T	100499A
1-1/2"	E331	100480	690-CR4220	E337	10056115	10056115T	100499A
2"	E331	100480	690-CR4220	E337	100561	TU20011	100499A

1/2" & 3/4" strainers are 1-inch bodies with reducing sockets.
1-1/4" & 1-1/2" strainers are 2-inch bodies with reducing sockets.

Parts – T7 Diaphragm Valve



Diaphragm Gaskets	EPDM	VITON	Teflon (EPDM Bonded)
SIZE	PART #	PART #	PART #
1/2"	51567	51568	51566
3/4"	51567	51568	51566
1"	51572	51573	51571
1-1/4"	51538	51539	51537
1-1/2"	51538	51539	51537
2"	51529	51532	51528

NOTES



TERMS AND CONDITIONS OF SALE

PRICES:

All prices shown are list prices, effective January 1, 2026 and are subject to change without notice. These prices do not constitute an offer to sell. All are based on standard packaging and do not include special overseas packaging or other requirements.

PLACING ORDERS:

To expedite handling of your order please use the combination of part number, size and brief description. Our minimum order is \$300.00 net. 15% surcharge on "less than qty." per carton orders. Praher reserves the right to cancel any back order that is less than 10% of the original order.

SHIPPING:

All shipments are F.O.B shipping point. The term F.O.B. shipping point means the carrier accepts all responsibility upon accepting the shipment at our dock. Therefore, any claims for damage or loss must be settled between you and the carrier.

OVER / UNDER SHIPPED QUANTITY:

Seller reserves the right to over-ship order quantity herein by 10% and under-ship order quantity herein by 5% or as otherwise negotiated between seller and buyer.

DELIVERY TIMES DELAYS:

The estimated shipping date is based on plant production schedule at the date of the quotation. Seller shall use reasonable commercial efforts to deliver the goods within the time agreed but, unless otherwise specifically agreed to in writing, shall in no circumstance be liable for any loss or damage, consequential or otherwise, caused directly or indirectly, by any delay in delivery. Under no circumstances will the Seller be liable for delay or failure in performance due to fires, floods, strikes or others differences with workmen, accidents, labour or material or transportation shortages, war (declared or undeclared), acts of terrorism, riot, governmental orders or regulations, legal interferences or prohibitions, defaults on the part of suppliers, or other causes beyond the Seller's reasonable control.

BILLING TERMS:

Prior credit approval and non-delinquent status are necessary before shipping on an open account. Our open account terms are net 30 days. A 2% per month (24% per annum) charge is made on accounts exceeding 30 days. All taxes required by law are computed and added to your invoice.

EXPORT SHIPPING:

PRAHER will be happy to handle your export order. The terms are a letter of credit drawn on a Canadian bank. Our prices into the U.S. include freight allowance-shipping ground, with duty and brokerage fees prepaid.

CLAIMS AND RETURNS:

Claims for shortages or inaccurate filling of orders must be made to PRAHER within 10 days after receipt of goods. Praher will not reimburse returned product with cash or cheques. Credits will be issued and a 15% restock charge may apply.

INFORMATION TO BUYER:

PRAHER will endeavor to furnish such advice as it may be able to supply with reference to the use by buyer of any materials purchased, but PRAHER makes no guarantees and assumes no obligation or liability for the advice given verbally or in the use of any material, whether used simply or in combination with other products. No suggestion for product use shall be construed as a recommendation for its use in infringement on any existing patent.

PRODUCT WARRANTY:

All products not manufactured by PRAHER carrying the original manufacturer's warranty. All products manufactured by PRAHER will be free of defects in material and workmanship for a period of one year from shipment from PRAHER. If found to be defective by us, we will repair, or replace the non-conforming parts or goods at our option, or return the purchase price at our option. Praher shall not be responsible for cartage, removal and/or reinstallation labor, or any such costs incurred in obtaining a warranty replacement. The product warranty expressed above is our only warranty and may not be verbally changed or modified by any representative of PRAHER. The offer to repair or replace non-conforming goods within warranty does not cover defects caused by shipping damages, damages caused by improper use or installation, or by the buyer's attempts to use the products beyond their mechanical, thermal or electrical capacity.