

# Mueller Ball Valve Cross Reference

## CYCLEMASTER® BALL VALVES, STRAIGHT

Current			
Part Number	BALLMASTER	CYCLEMASTER	Size
API17859	A 17501	A 17859	1/4
API17860	A 17260	A 17860	3/8
API17861	A 17261	A 17861	1/2
API17862	A 17262	A 17862	5/8
API17863	A 17263	A 17863	7/8
A 17864	A 17264		7/8
A 17865	A 17265		1 1/8
A 17866	A 17266		1 3/8
A 17867	A 17267		1 5/8
A 17868	A 17268		2 1/8
A 17871*	A 17269		2 5/8
A 17870			3 1/8
A 17869	A 17786		2 5/8
A 17872*	A 17270		3 1/8

## CYCLEMASTER® BALL VALVES, STRAIGHT WITH ACCESS

Current			
Part Number	BALLMASTER	CYCLEMASTER	Size
AQI17860	A 17460	A 17563, ACI17860	3/8
AQI17861	A 17461	A 17564, ACI17861	1/2
AQI17862	A 17464	A 17565, ACI17862	5/8
ACI17863	A 17463		3/4
ACI17864	A 17464	A 17567, ACI17864	7/8
ACI17865	A 17465	A 17568	1 1/8
ACI17866	A 17466	A 17569	1 3/8
ACI17867	A 17467	A 17570	1 5/8
ACI17868	A 17468	A 17541	2 1/8
ACI17871*	A 17469	A 17572	2 5/8
ACI17870			3 1/8
ACI17869	A 17787		2 5/8
ACI17872*	A 17470	A 17573	3 1/8

## CYCLEMASTER® BALL VALVES, 3-WAY WITH ACCESS

Current			
Part Number	BALLMASTER	CYCLEMASTER	Size
AUI17860		A 17539	3/8
AUI17861		A 17540	1/2
AUI17862		A 17541	5/8
AUI17863	A 17464	A 17567, ACI17864	3/4
AUI17864		A 17543	7/8
AUI17865		A 17544	1 1/8
AUI17866		A 17545	1 3/8
AUI17867		A 17546	1 5/8
AUI17868		A 17547	2 1/8
AUI17871*		A 17548	2 5/8
AUI17872*		A 17549	3 1/8

## BALL VALVE SEAL CAP

Size	Body Number	One-Piece	Two-Piece	Retrofit Assembly
1/4	F 35222, F 36700, N 02351	A 17965	A 17842	A 18351
3/8	F 35222, F 36700, N 02351	A 17965	A 17842	A 18351
1/2	F 35222, F 36700, N 02351	A 17965	A 17842	A 18351
5/8	F 35222, F 36700, N 02351	A 17965	A 17842	A 18351
3/4	F 35223, F 36701, N 02352	A 17866	A 17843	A 18352
7/8	F 35223, F 36701, N 02352	A 17866	A 17843	A 18352
1 1/8	F 35224, F 36702, N 02353	A 17967	A 17844	A 18353
1 3/8	F 35162, N 02354	A 17968	A 17845	A 18354
1 3/8	F 35949, F 36703	A 17967	A 17844	A 18353
1 5/8	F 35160, F 35950, F 36704, N 02355	A 17968	A 17845	A 18354
2 1/8	F 35161, N 02356	A 18399	A 17846	A 18355
2 1/8	F 35951, F 36595, F 36705	A 17968	A 17845	A 18354
2 5/8	F 35755, F 36706	A 18399	A 17846	A 18355
3 1/8	F 35952, F 36707	A 18399	A 17846	A 18355
2 5/8*	F 35161, N 02356	A 18399	A 17846	A 18355
2 5/8*	F 35951, F 36595, F 36705	A 17968	A 17845	A 18354
3 1/8*	F 35161, N 02356	A 18399	A 17846	A 18355
3 1/8*	F 35951, F 36595, F 36705	A 17968	A 17845	A 18354

\* Reduced port

## CYCLEMASTER® BALL VALVES, ACTUATED STRAIGHT

Current			
Part Number	BALLMASTER	CYCLEMASTER	Size
AWI17861		A 17793	1/2
AWI17862		A 17794	5/8
AWI17863		A 17795	3/4
AWI17864		A 17796	7/8
AWI17865		A 17797	1 1/8
AWI17866		A 17798	1 3/8
AWI17867		A 17799	1 5/8
AWI17868		A 17800	2 1/8
AWI17871*		A 17801	2 5/8
AWI17872*		A 17802	3 1/8

## CYCLEMASTER® BALL VALVES, ACTUATED 3-WAY

Current			
Part Number	BALLMASTER	CYCLEMASTER	Size
AYI17861		A 17805	1/2
AYI17862		A 17806	5/8
AYI17863		A 17807	3/4
AYI17864		A 17808	7/8
AYI17865		A 17809	1 1/8
AYI17866		A 17810	1 3/8
AYI17867		A 17811	1 5/8
AYI17868		A 17812	2 1/8
AYI17871*		A 17813	2 5/8
AYI17872*		A 17814	3 1/8

## CYCLEMASTER® BALL VALVES, ACTUATED KITS

Current	Obsolete
Sealed Hub Design	Hub Design
A 18390	B 34437
A 18392	B 34438
A 18394	B 34439
A 18396	B 34440
A 18395	B 34441
A 18395	B 34442

## CYCLEMASTER® BALL VALVES, ACTUATED KITS

Current	Obsolete
Sealed Hub Design	Hub Design
A 18390	B 34437
A 18392	B 34438
A 18394	B 34439
A 18396	B 34440
A 18395	B 34441
A 18395	B 34442

## ACTUATED BALL VALVE COMPONENT

Size	Body Number	Motor Series	Hub Kit	Actuator Kit**
1/2	F 35222, F 36700, N 2351	1	A 18389	A 18390
5/8	F 35222, F 36700, N 2351	1	A 18389	A 18390
3/4	F 35223, F 36701, N 2352	1	A 18391	A 18392
7/8	F 35223, F 36701, N 2352	1	A 18391	A 18392
1 1/8	F 35224, F 36702, N 2353	2	A 18393	A 18394
1 3/8	F 35162, N 2354	2	A 18368	A 18396
1 3/8	F 35949, F 36703	2	A 18393	A 18394
1 5/8	F 35160, F 35950, F 36704, N 2355	2	A 18368	A 18396
2 1/8	F 35161, N 2356	3	A 18402	
2 1/8	F 35951, F 36595, F 36705	3	A 18368	A 18395
2 5/8	F 35755, F 36706	4	A 18400	A 18401
3 1/8	F 35952, F 36707	4	A 18400	A 18401
2 5/8*	F 35161, N 2356	3	A 18402	
2 5/8*	F 35951, F 36705	3	A 18368	A 18395
3 1/8*	F 35161, N 2356	3	A 18402	
3 1/8*	F35951, F 36595, F36705	3	A 18368	A 18395

\* Reduced Port

\*\*Actuator Kit includes motor and hub assembly

## O-Ring Seal Kits\*\*\*

Size	Part
1/2 - 7/8	A 18403
1 1/8 - 3 1/8	A 18404

\*\*\*Not intended to be used on an old style hub assembly to seal off stem leaks.

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## CYCLEMASTER® Ball Valve

Size (in.)	Mueller	Alco	Henry 1-Pc Cap	Henry 2-Pc Cap	JB Industries	Sporlan	Superior	Virginia KMP
1/4	API7859	64383	NA	NA	NA	NA	586WA-4ST	NA
3/8	API7860	62104	904203	900203B	V34200	EBV-1030	586WA-6ST	LW03S
1/2	API7861	62105	904204	900204B	V34201	EBV-1040	586WA-8ST	LW04S
5/8	API7862	62106	904205	900205B	V34202	EBV-1050	586WA-10ST	NA
3/4	A 17863	64385	NA	NA	V34203	NA	587WA-12ST	LW05S
7/8	A 17864	62107	904307	900307B	V34204	EBV-1070	587WA-14ST	LW07S
1 1/8	A 17865	62108	904409	900409B	V34206	EBV-1090	591WA-11ST	LW09S
1 3/8	A 17866	62109	904511	900511B	V34207	EBV-1160	592WA-13ST	LW11S
1 5/8	A 17867	62110	904613	900613B	V34208	EBV-1130	593WA-15ST	LS13S
2 1/8	A 17868	62111	904717	900717B	V34209	EBV-1170	594WA-21ST	LW17S
2 5/8	A 17869	NA	904721	900721B	NA	NA	595WA-25ST	NA
3 1/8	A 17870	NA	904725	900725B	NA	NA	596WA-31ST	NA
2 5/8*	A 17871	62112	900821	NA	V34210	EBV-1210	594WA-25ST	LW17S
3 1/8*	A 17872	62113	900825	NA	V34211	EBV-1250	594WA-31ST	LW21S
3 5/8*	B 34909	NA	NA	NA	NA	NA	596WA-35ST	NA
4 1/8*	B 34910	NA	NA	NA	NA	NA	596WA-41ST	NA

\* Reduced port

## CYCLEMASTER® Ball Valve with access

Size (in.)	Mueller	Alco	Henry 1-Pc Cap	Henry 2-Pc Cap	JB Industries	Sporlan	Superior	Virginia KMP
1/4	AQ17859	64384	NA	NA	NA	NA	NA	NA
3/8	AQ17860	62114	934203	903203B	V34400	EBVT-1030	586WAS-6ST	LW03SP
1/2	AQ17861	62115	934204	903204B	V34401	EBVT-1040	586WAS-8ST	LW04SP
5/8	AQ17862	62116	934305	903205B	V34402	EBVT-1050	586WAS-10ST	NA
3/4	AC17863	64386	NA	NA	NA	NA	NA	LW05SP
7/8	AC17864	62117	934307	903307B	V34404	EBVT-1070	587WAS-14ST	LW07SP
1 1/8	AC17865	62118	934409	903409B	V34406	EBVT-1090	591WAS-11ST	LW09SP
1 3/8	AC17866	62119	934511	903511B	V34407	EBVT-1160	592WAS-13ST	LW11SP
1 5/8	AC17867	62120	934613	903613B	V34408	EBVT-1130	593WAS-15ST	LS13SP
2 1/8	AC17868	62121	934717	903717B	V34409	EBVT-1170	594WAS-21ST	LW17SP
2 5/8	AC17869	NA	NA	NA	NA	NA	595WAS-25ST	NA
3 1/8	AC17870	NA	NA	NA	NA	NA	596WAS-31ST	NA
2 5/8*	AC17871	62122	NA	NA	NA	EBVT-1210	NA	LW17SP
3 1/8*	AC17872	62123	NA	NA	NA	EBVT-1250	NA	LW21SP

\* Reduced port

## CYCLEMASTER® Ball Valve, Drilled & Tapped

Size (in)	(mm)	Mueller 2-piece cap (in)	Mueller 1-piece cap (in)	Danfoss (in)	Danfoss (mm)
1/4	6	API7859	APX17859	009G7020	009G7030
3/8	10	API7860	APX17860	009G7021	009G7031
1/2	12	API7861	APX17861	009G7022	009G7032
5/8	16	API7862	APX17862	009G7023	009G7033
3/4	18	API7863	APX17863	009G7024	009G7035
7/8	22	API7864	APX17864	009G7025	009G7025
1 1/8	28	API7865	APX17865	009G7026	009G7033
1 3/8	35	API7866	APX17866	009G7027	009G7027
1 5/8	42	API7867	APX17867	009G7028	009G7034
2 1/8	54	API7868	APX17868	009G7029	009G7029
2 5/8		API7869	APX17869	NA	NA
3 1/8		API7870	APX17870	NA	NA
2 5/8*		API7871	APX17871	009G7036	NA
3 1/8*		API7872	APX17872	009G7037	NA

\* Reduced port



# Valve Cross Reference

## CYCLEMASTER® Ball Valve, Drilled & Tapped

Size (in)	(mm)	Mueller 2-piece cap (in)	Mueller 1-piece cap (in)	Danfoss (in)	Danfoss (mm)
1/4	6	AQ17859	AQX17859	009G7050	009G7060
3/8	10	AQ17860	AQX17860	009G7051	009G7061
1/2	12	AQ17861	AQX17861	009G7052	009G7062
5/8	16	AQ17862	AQX17862	009G7053	009G7063
3/4	18	AQ17863	AQX17863	009G7054	009G7065
7/8	22	AQ17864	AQX17864	009G7055	009G7055
1 1/8	28	AQ17865	AQX17865	009G7056	009G7063
1 3/8	35	AQ17866	AQX17866	009G7057	009G7057
1 5/8	42	AQ17867	AQX17867	009G7058	009G7064
2 1/8	54	AQ17868	AQX17868	009G7059	009G7059
2 5/8		AQ17869	AQX17869	NA	NA
3 1/8		AQ17870	AQX17870	NA	NA
2 5/8*		AQ17871	AQX17871	009G7066	NA
3 1/8*		AQ17872	AQX17872	009G7067	NA

\* Reduced Port

## Check Valves

Size	Mueller	Mueller Screw Bonnet	Henry	Danfoss	Superior
Flare x Flare					
1/4	A 15620	NA	119-1/4	020-1040	802B-4
3/8	A 15621	NA	119-3/8	020-1041	802B-6
1/2	A 15622	NA	119-1/2	020-1042	802B-8
5/8	A 15623	NA	NA	020-1043	803B-10
Solder x Solder					
1/4	A 15628	A 17953	NA		802B-4S
3/8	A 15629	A 17954	116003		802B-6S
1/2	A 15630	A 17955	116004		802B-8S
5/8	A 15631	A 17956	116005		803B-10S
5/8	NA	B 34873	NA		804A-10S
3/4	NA	A 17957	NA		804A-12S
7/8	NA	A 17958	NA		804A-14S
1/4*	A 15632	AT17953	120-1/4	020-1010	802B-4ST
3/8*	A 15633	AT17954	120-3/8	020-1011	802B-6ST
1/2*	A 15634	AT17955	120-1/2	020-1012	802B-8ST
5/8*	A 15635	AT17956	120-5/8	020-1018	803B-10ST
7/8*	NA	AT17957	120-7/8		803B-14ST

\* Extended Ends

## 4-Bolt Check Valve

Size	Mueller	Henry	Superior
7/8	B 34235	116007	805C-14S
1 1/8	B 34236	NA	806C-11S
1 3/8	B 34237	NA	807C-13S
1 5/8	B 34238	NA	808C-15S
2 1/8	B 34239	NA	809C-21S
2 5/8	B 34240	NA	884C-25S
3 1/8	B 34241	NA	885C-31S

## Magnetic Check Valves

Size	Mueller	A-1 Components	Emerson	Superior
1/4	A 17934	MS-4	ACK-4	900MA-4S
3/8	A 17935	MS-6	ACK-6	900MA-6S
1/2	A 17936	MS-8	ACK-8	900MA-8S
5/8	A 17937	MS-10	ACK-10	900MA-10S
3/4	A 17938	MS-12	ACK-12	900MA-12S
7/8	A 17939	MS-14	ACK-14	900MA-14S
1 1/8	A 17940	MS-18	ACK-18	900MA-11S
1 3/8	A 17941	MS-22	ACK-22	900MA-13S
1 5/8	A 17942	MS-26	ACK-26	900MA-15S
2 1/8	A 17943	MS-34	ACK-34	900MA-21S
2 5/8	A 17944	MS-42	ACK-42	900MA-25S
3 1/8	A 17981	NA	NA	NA



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## Packed Line Valves

Size	Mueller	Henry	Superior
<b>NPTFE Inlet to Flare</b>			
1/4 x 1/4	A 11031	7761-B	600A-4B
1/4 x 3/8	A 11030	7763-B	600A-6B
3/8 x 1/4	A 13613	7764-B	600A-4C
3/8 x 3/8	A 13503	7766-B	600A-6C
3/8 x 1/2	A 11042	7767-B	605-8C
1/4 x 1/4 FPT	A 13502	7771-B	605-KB
<b>Solder to Flare with seal cap</b>			
1/4 x 1/4	A 17502	9270	617A-4S4
3/8 x 3/8	A 17503	9272	617A-6S6
<b>Internal Swivel Flare to Flare</b>			
1/4 x 1/4	A 17429	9240	600B-4U4
3/8 x 3/8	A 17474	9241	600B-6U6
<b>Straight Thru - Flare to Flare</b>			
1/4	A 14833	5151	214-4
3/8	A 14835	5153	214-6
1/2	A 14836	5154	215-8
5/8	A 14837	5155	216-10
<b>Straight Thru - Solder to Solder</b>			
1/4	A 14838	6291N/5161	214-4S
3/8	A 14840	6263N/5163	214-6S
1/2	A 14841	6264N/5164	215-8S
5/8	A 14842	6265N/5165	216-10ST
<b>Straight Thru - Solder to Solder Ext Ends</b>			
1/4	A 14848	NA	214-4ST
3/8	A 14850	NA	214-6ST
1/2	A 14851	NA	215-8ST
5/8	A 14852	NA	216-10ST
<b>Angle - NPTFE to Flare</b>			
1/4 x 1/4	A 15525	NA	114-4B
1/4 x 3/8	A 15526	NA	NA
3/8 x 1/4	A 15527	NA	114-6B
3/8 x 3/8	A 15528	NA	NA
3/8 x 1/2	A 15529	NA	NA
1/2 x 1/2	A 15530	NA	NA
1/2 x 5/8	A 15531	NA	NA
<b>Angle - Solder to Solder</b>			
1/4	A 15539	6291N	NA
3/8	A 15540	6293N	114-6S
1/2	A 15541	6294N	115-8S
5/8	A 15542	6295N	NA

## Transducer Valves

Size	Mueller	Henry	Superior
1/4 x 1/8 x 1/4	B 34254	9290	600AX7-JB

## Relief Valves

Size	Mueller	Henry	Superior
<b>Straight Thru - NPTFE Inlet to Flare</b>			
1/4 x 3/8	A 15501	5230	3012
3/8 x 3/8	A 15502	5231	3014
3/8 x 1/2	A 15503	5231-A	3015
1/2 x 5/8	A 15504	5232	3020
<b>Straight Thru - NPTFE x NPTFI</b>			
1/2 x 1/2	A 18356	NA	3030
1/2 x 3/4	A 18357	5240	3031
3/4 x 3/4	A 18358	5242	3045
1 x 1	A 17840	5244	3060
1 1/4 x 1 1/4	A 17834	5246	3075
<b>Atmospheric - NPTFE Inlet</b>			
1/8	A 15508	NA	3000
1/4	A 15509	5221	3001
3/8	A 17430	5223	3002
<b>Angle-NPTFE to Flare</b>			
1/4 x 3/8	B 33746	NA	3212
3/8 x 3/8	A 15512	526E	3214
3/8 x 1/2	A 15513	NA	3215
1/2 x 5/8	A 15514	527E	3220

## Rupture Discs & Accessories

Size	Mueller	Henry	Superior
1/2 x 1/2	A 17971	5526	NA
Pressure Gauge	P 36214	G15	NA



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## Transducer Valves

Size	Mueller	Henry	Superior
1/4 x 1/8 x 1/4	B 34254	9290	600AX7-JB

## Diaphragm Valves

Size	Mueller	Superior
Flare to Flare		
1 1/4	A 14833	214-4
3/8	A 14835	214-6
1/2	A 14836	215-8
5/8	A 14837	216-10

Solder to Solder		
1/4	A 14838	214-4S
3/8	A 14840	214-6S
1/2	A 14841	215-8S
5/8	A 14842	216-10S

Extended End - Solder to Solder		
1/4	A 14848	214-4ST
3/8	A 14850	214-6ST
1/2	A 14851	215-8ST
5/8	A 14852	216-10ST

Angle - NPTFE to Flare		
1/4 x 1/4	A 15525	114-4B
3/8 x 1/4	A 15527	114-6B

Angle - Solder to Solder		
1/2	A 15541	115-8S

Angle - NPTFE to Flare		
1/4	A 15525	114-4B
3/8	A 15527	114-6B

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