ECO-VALVE

## 5049AB Lead Free Brass Full Port Ball Valve

## Feature

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150# WSP / 600# WOG Lead free brass body Full port Adjustable packing Solder x Solder Solder ends (ASME B16.22) Blow-out proof stem MSS-SP-110 AB1953, NSF/ANSI 61 & 372 certified





Meet BAA Requirement

Pressure / Temperature rating			
600 psi from 15 °F to 160 °F	150 psi max. at 366 °F		

Connection Working Pressure					
Solder used in joint	Working	Max. working pressure (PSI)			
	temp (°Ĕ)	³∕₅" - 1"	1¼" - 2"	2½" - 4"	
95-5 Tin antimony (ASTM B32 grade 95TA)	100	500	400	300	
	150	400	350	275	
	200	300	250	200	
	250	200	175	150	

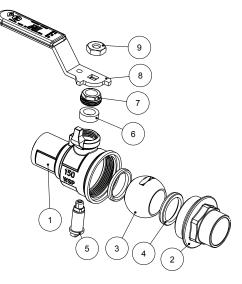
## Material

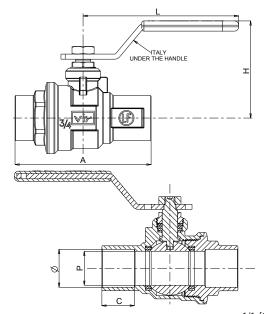
	Part	Material	Specification	
1	Body	Lead Free Brass	ASTM B927 C28500	
2	End piece	Lead Free Brass	ASTM B927 C28500	
3	Ball	Lead Free Brass / Cr plated	ASTM B927 C28500	
4	Seat	PTFE	PTFE	
5	Stem	Lead Free Brass	ASTM B927 C28500	
6	Packing	PTFE	PTFE	
7	Packing nut	Brass	ASTM B124 C37700	
8	Handle	Steel / Geomet <sup>®</sup> plated	ASTM A36	
9	Handle nut	Steel / Zn plated	ASTM A36	



	Φ	Α	С	н	L	Р	Cv	Wt.
	[in]	[in]	[in]	[in]	[in]	[in]		[lb]
1/2"	0.627-0.631	2.60	0.51	2.13	3.60	0.59	15	0.56
3⁄4"	0.877-0.881	3.15	0.75	2.24	3.60	0.79	30	0.80
1"	1.128-1.131	3.31	0.91	2.57	4.98	0.98	60	1.18
<b>1</b> ¼"	1.378-1.381	3.86	0.97	2.79	4.98	1.26	110	2.08
<b>1</b> ½"	1.628-1.632	4.53	1.09	3.28	5.57	1.57	130	3.00
2"	2.128-2.132	5.51	1.34	3.58	5.57	1.97	360	4.50
<b>2</b> <sup>1</sup> / <sub>2</sub> "	2.628-2.632	6.65	1.50	4.70	11.07	2.56	450	9.02
3"	3.128-3.132	7.72	1.69	5.15	11.07	3.07	620	13.50









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