

Apollo Bronze 2-piece Ball Valve with Standard Configuration (2 x FNPT)



group: 7010X01 category: valves product line: Apollo 70 Series Ball Valves

The Apollo® 70 Series is the most widely used general purpose bronze ball valve on the market today. The 70-100 model is a 2-piece standard port* ball valve featuring female NPT connections. Cast and machined in Apollo's South Carolina manufacturing plants, these valves provide trusted performance and a wide range of options.

- Premium Materials and Heavy Duty Construction
- Adjustable Stem Packing Gland
- Blowout Proof Stem Design
- RPTFE Seats and MPTFE Stem Packing Rings
- Chromium Plated Ball
- 100% Factory Tested
- Manufactured in the USA - ARRA Compliant

applications

heating, cooling, steam, vacuum

segments

utility

approvals

Build America Buy America (BABA) Act , Buy American Act (BAA) , CRN , Made in USA

assortment

item code	size	dimensions	weight	packaging	gtin + upc
7010101	1/4"	5.00x1.00x2.00 "	0.55 lb	Carton (1 pce)	00670750648496
7010201	3/8"	7.45x2.76x4.43 "	0.56 lb	Carton (1 pce)	00670750649394
7010301	1/2"	7.45x2.76x4.43 "	0.63 lb	Carton (1 pce)	00670750650840
7010401	3/4"	7.45x2.76x4.43 "	1.3 lb	Carton (1 pce)	00670750652110
7010501	1"	7.45x2.76x4.43 "	1.72 lb	Carton (1 pce)	00670750653315
7010601	1-1/4"	7.45x2.76x4.43 "	3.26 lb	Carton (1 pce)	00670750654145
7010701	1-1/2"	7.45x2.76x4.43 "	4.61 lb	Carton (1 pce)	00670750654992
7010801	2"	3.77x1.38x2.22 "	6.06 lb	Carton (1 pce)	00670750655968
7010901a	2-1/2"	3.77x1.38x2.22 "	14.2 lb	Carton (1 pce)	00670750871191
7010001	3"	11.25x4.75x6.25 "	18.6 lb	Carton (1 pce)	00670750647741
7010a01	4"	13.75x5.50x8.00 "	25.5 lb	Carton (1 pce)	00670750172779

specifications - characteristics

color	bronze
materials	bronze (ASTM B584-C84400)
finishing	none
shape	straight
connection type	FPT - female thread conical (NPT)

specifications - general

product group	valves (ball valves)
ETIM class	EC011343 Ball valve
country of origin	United States
brand	Apollo
series	70 Series Ball Valves
product type	7010X01
unsps	40141607

specifications - technical

max operating pressure liquid	600 psi
min. medium temperature	-20 °F
max medium temperature	500 °F

dimensions

item code	size	d1	DN1	l1	z1	d2	DN2	l2	z2	M1	M2	E	h2
7010101	1/4"	0.54	1/4"	1.01	0.61	0.54	1/4"	1.01	0.61	0.55	3.85	0.68	13
7010201	3/8"	0.68	3/8"	1.01	0.58	0.68	3/8"	1.01	0.61	0.55	3.85	0.68	13
7010301	1/2"	0.84	1/2"	1.08	0.55	0.84	1/2"	1.09	0.56	0.55	3.85	0.68	13
7010401	3/4"	1.05	3/4"	1.47	0.92	1.05	3/4"	1.49	0.94	0.67	4.76	0.83	13
7010501	1"	1.32	1"	1.67	1.00	1.32	1"	1.67	0.99	0.67	4.76	0.83	13
7010601	1-1/4"	1.66	1-1/4"	1.98	1.33	1.66	1-1/4"	1.99	1.40	0.98	5.40	1.06	13
7010701	1-1/2"	1.90	1-1/2"	2.14	1.47	1.90	1-1/2"	2.17	1.49	1.00	7.75	1.12	17
7010801	2"	2.38	2"	2.35	1.75	2.38	2"	2.32	1.73	1.00	7.75	1.12	17
7010901a	2-1/2"	2.88	2-1/2"	3.12	1.94	2.88	2-1/2"	3.13	1.95	1.00	7.75	1.12	17
7010001	3"	3.50	3"	3.38	2.36	3.50	3"	3.38	2.49	1.00	7.75	1.12	17
7010a01	4"	4.50	4"	3.69	2.59	4.50	4"	3.66	2.54	1.35	9.91	1.56	25
item code	size	Y	V	U	D1								
7010101	1/4"	0.65	1.03	0.75	1.05								

item code	size	Y	V	U	D1
7010201	3/8"	0.65	1.03	0.75	1.06
7010301	1/2"	0.65	1.06	0.75	1.21
7010401	3/4"	0.68	1.40	0.87	1.56
7010501	1"	0.68	1.51	0.87	1.85
7010601	1-1/4"	0.70	1.99	1.31	2.21
7010701	1-1/2"	0.90	2.18	1.31	2.56
7010801	2"	0.90	2.37	1.31	2.99
7010901a	2-1/2"	0.90	2.80	1.38	4.00
7010001	3"	0.90	3.13	1.38	4.68
7010a01	4"	1.25	3.94	1.62	5.47

downloads

 70-100 Image - png

 70-100 Diagram - pdf

 70-100 Data Sheet - pdf

 70-100 Kit Listing - pdf