

data sheet

70LF-200 series

solder bronze ball valve | lead-free



features

- lead-free* brass & bronze materials
- EZ-Solder™ lead-free* brass & bronze materials**
- distinctive white “lead-free” handle grip and blue “lead-free” hang tag
- RPTFE seats and stuffing box ring
- chromium plated ball
- 100% factory tested
- manufactured in the USA – BABA and BAA compliant

**70LF-2xx intended for soft solder installation using solders with melting temperature of < 500°F.

description

The “Apollo”® 70LF-200 series two-piece regular port ball valve has the same rugged features as the industry standard 70 series valves with the added advantage of DZR lead free* materials. The 70LF is ideal for plumbing and heating systems, including potable water. Trusted Apollo® performance with a wide range of popular options.

*lead-free: the wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.

size range

- 3/8" - 4"

configurations

- 70LF-200 series – standard
- 70LF-240 series – 316 ss ball & stem

connections

- threaded
- solder joint

approvals

- MSS SP-110
- NSF/ANSI/CAN 61 - water quality
- NSF/ANSI/CAN 372 - lead-free
- CSA B51 CRN: 0C10908.5C
- Buy American Act (BAA)
- Build America Buy America (BABA) Act



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Aalberts integrated piping systems

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component	material
body	lead-free bronze, ASTM B584, C89836
retainer	lead-free DZR brass, ASTM B927, C27451 (3/8" to 1") lead-free bronze, ASTM B584, C89836 (1 1/4" to 4")
ball	lead-free DZR brass, ASTM B927, C27451, chrome plated or A276-316 stainless steel
seat (2)	RPTFE
stem	lead-free DZR brass, ASTM B927, C27451 A276-316 stainless steel (3" only)
gland nut	lead-free DZR brass, ASTM B927, C27451
stem packing	MPTFE
lever and grip	steel, zinc plated w/ vinyl grip
lever nut	steel, zinc plated
stem bearing	RPTFE

performance rating

CWP	temperature	vacuum service
600 psig at 100°F	350°F (maximum temperature)	29 in. Hg

job name

job location

engineer

contractor

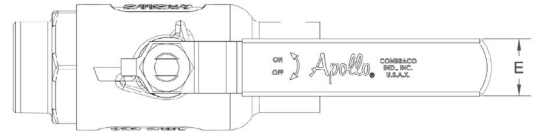
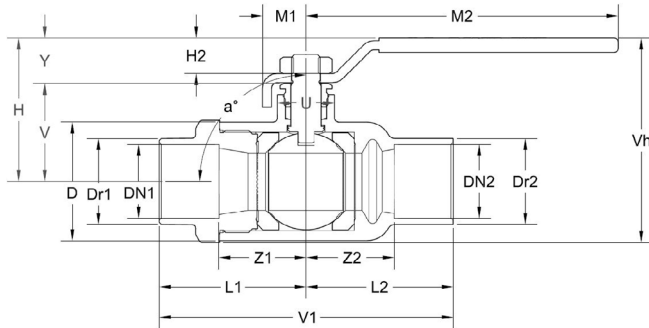
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dimensions

part number	size	bore size	d1	d2	l1	l2	z1	z2	M1	M2	V	Y	weight
70LF-202-01	3/8"	0.37"	0.63"	0.63"	1.41"	1.42"	0.91"	0.92"	0.55"	3.85"	1.06"	0.65"	0.63 lbs
70LF-203-01	1/2"	0.50"	0.50"	0.50"	1.26"	1.28"	0.90"	0.91"	0.55"	3.85"	1.03"	0.65"	0.71 lbs
70LF-204-01	3/4"	0.68"	0.88"	0.88"	1.92"	1.93"	1.17"	1.18"	0.67"	4.76"	1.39"	0.68"	1.44 lbs
70LF-205-01	1"	0.87"	1.13"	1.13"	2.24"	2.24"	1.33"	1.34"	0.67"	4.76"	1.51"	0.68"	1.91 lbs
70LF-206-01	1 1/4"	1.00"	1.38"	1.38"	2.26"	2.30"	1.30"	1.34"	0.98"	5.40"	1.99"	0.70"	2.95 lbs
70LF-207-01	1 1/2"	1.25"	1.63"	1.63"	2.58"	2.61"	1.49"	1.52"	0.94"	7.75"	2.18"	3.07"	3.99 lbs
70LF-208-01	2"	1.50"	2.13"	2.13"	3.20"	3.13"	1.84"	1.79"	1.00"	7.75"	2.37"	0.90"	5.71 lbs
70LF-209-01	2 1/2"	2.00"	2.63"	2.63"	3.72"	3.78"	2.24"	2.30"	1.00"	7.75"	2.80"	0.90"	15.53 lbs
70LF-200-01	3"	2.50"	3.13"	3.13"	4.12"	4.12"	2.45"	2.45"	1.00"	7.75"	3.09"	0.90"	16.74 lbs
70LF-20A-01	4"	3.12"	4.13"	4.13"	5.66"	4.61"	3.50"	2.45"	1.35"	9.91"	3.94"	1.25"	27.93 lbs

options

option	component	size
(-04)	2 1/4" cs stem extension	3/8" - 3"
(-07)	steel tee handle	3/8" - 2"
(-10)	ss lever & nut	3/8" - 3"
(-11)	Therma-Seal™ insulating tee handle	3/8" - 2"
(-27)	ss latch-lock lever & nut	3/8" - 4"
(-48)	ss oval handle (no latch) & nut	3/8" - 2"
(-92)	balancing stop	3/8" - 3"
(-94)	2 1/4" stem extension & balancing stop	3/8" - 3"
(-HC)	hose thread w/ cap & chain	1/2" - 1"