

data sheet

94VLF-A series

press end ball valve | lead free



features

- lead free*, ANSI 3rd party certified
- full-port flow
- PTFE seats and packing
- adjustable stem packing
- Leak Before Press® feature
- corrosion resistant materials
- 100% factory tested
- 2 year warranty

description

The Apollo International™ 94VLF-A series lead free* two-piece press ball valve is ideal for installation in most plumbing and heating systems, including potable water.

*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.

approvals

- MSS SP-110 ball valves
- IAPMO/ANSI Z1157 ball valves
- IAPMO PS-117 press connections
- NSF/ANSI/CAN 61 water quality
- NSF/ANSI/CAN 372 lead free

approved applications

- water including potable water
- hydronic heating (90% glycol max)
- not suitable for flammable gas service
- designed for direct mechanical connection to ASTM B88-type K, L, and M copper tubing in the hard drawn condition
- not compatible with soft annealed copper tubing

| component | material |
|-----------------|--|
| body | lead free DZR brass |
| retainer | lead free DZR brass |
| ball | lead free DZR brass (½" - 1") stainless steel (1 ¼" - 4") |
| seats | PTFE |
| stem | lead free DZR brass |
| gland nut | brass |
| stem packing | PTFE |
| stem nut | plated steel |
| handle | plated steel/insulated polyvinyl |
| washer | PTFE |
| sealing element | EPDM |

performance rating

| maximum operating pressure | temperature range |
|----------------------------|-------------------|
| 250 psig | 0°F - 250°F |



this specification is provided for reference only. we reserve the right to change any portion of this specification without notice and without incurring obligation to make such changes to Aalberts integrated piping systems products previously or subsequently sold.

Aalberts integrated piping systems

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aalberts-ips.us

job name

job location

engineer

contractor

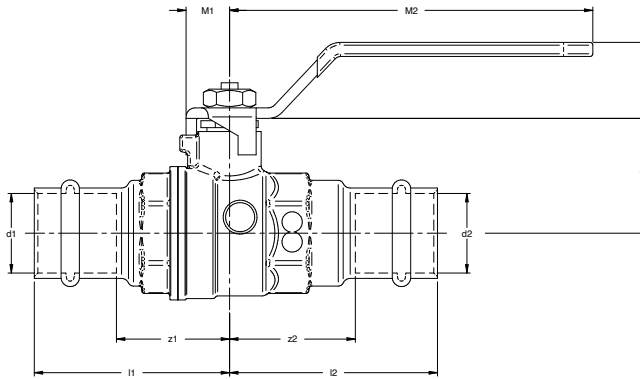
tag

PO#

rep

wholesaler dist

data sheet



dimensions

½" - 2"

| part number | size | d1 | d2 | l1 | l2 | z1 | z2 | M2 | V | Y | weight | stem extension kit |
|---------------|------|-------|-------|-------|-------|------|-------|-------|-------|-------|----------|--------------------|
| 94VLF-103-01A | ½" | 0.63" | 0.63" | 1.70" | 1.70" | 0.69 | 0.51" | 3.82" | 1.05" | 0.61" | 0.55 lbs | 78266101 |
| 94VLF-104-01A | ¾" | 0.88" | 0.88" | 1.92" | 1.92" | 0.83 | 0.66" | 3.82" | 1.31" | 0.61" | 0.56 lbs | 78266201 |
| 94VLF-105-01A | 1" | 1.13" | 1.13" | 2.06" | 2.06" | 1.00 | 0.77" | 4.41" | 1.59" | 0.71" | 0.63 lbs | 78266301 |
| 94VLF-106-01A | 1 ¼" | 1.38" | 1.38" | 2.30" | 2.30" | 1.26 | 0.96" | 5.20" | 1.86" | 0.87" | 1.3 lbs | 78266401 |
| 94VLF-107-01A | 1 ½" | 1.63" | 1.63" | 2.58" | 2.58" | 1.29 | 1.11" | 5.20" | 2.07" | 0.87" | 1.72 lbs | 78266501 |
| 94VLF-108-01A | 2" | 2.13" | 2.13" | 3.00" | 3.00" | 1.48 | 1.38" | 6.44" | 2.42" | 1.10" | 3.26 lbs | 78266601 |

2 ½" - 4"

| part number | size | d1 | d2 | l1 | l2 | z1 | z2 | M1 | M2 | V | Y | weight | stem extension kit |
|---------------|------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|----------|--------------------|
| 94VLF-109-01A | 2 ½" | 2.63" | 2.63" | 3.25" | 3.25" | 1.67 | 1.67" | 1.02" | 9.45" | 3.12" | 1.50" | 7.6 lbs | 78266701 |
| 94VLF-100-01A | 3" | 3.13" | 3.13" | 3.69" | 3.69" | 1.93 | 1.91" | 1.02" | 9.45" | 3.48" | 1.50" | 9.6 lbs | 78266801 |
| 94VLF-10A-01A | 4" | 4.13" | 4.13" | 4.60" | 4.60" | 2.48 | 2.48" | 1.02" | 9.45" | 4.15" | 1.73" | 14.2 lbs | 78266901 |

kits

| part number | size | replacement lever handles |
|---------------|--------|---------------------------|
| 94VLF-103-01A | ⅝", ½" | W354501 |
| 94VLF-104-01A | ¾" | W354502 |
| 94VLF-105-01A | 1" | W936000 |
| 94VLF-106-01A | 1 ¼" | W354503 |
| 94VLF-107-01A | 1 ½" | W354504 |
| 94VLF-108-01A | 2" | W932800 |
| 94VLF-109-01A | 2 ½" | W354505 |
| 94VLF-100-01A | 3" | W354506 |
| 94VLF-10A-01A | 4" | W354507 |