

data sheet

75-100 series

locking bronze ball valve



features

- adjustable packing gland
- blowout-proof stem design
- RPTFE seats and stuffing box ring

description

The "Apollo"® 75-100 ball valve meets OSHA standards and provides for easy, safe maintenance of pneumatic tools. Valve can be padlocked in the 'open' or 'closed' position with the same hardware. It is made from proven ASTM grade materials for long service life. Proudly manufactured in our South Carolina production facilities.

size range

- ¼" - 2"

connections

- threaded

configurations

- 75-100 - standard
- 75-140 - ss ball and stem

approvals

- MSS SP-110 ball valves
- federal specification: WW-V-35C, type: II, composition: BZ, style: 3
- CRN: 0C10908.5C

component	material
body	bronze, ASTM B584-C84400
retainer	brass, ASTM B16-C36000 or B927, C27451 (¼" - 1") bronze, ASTM B584-C84400 (1 ¼" - 2")
ball	stainless steel, ASTM A276-316
seat (2)	RPTFE
stem	brass, ASTM B16-C36000
stem packing	MPTFE
stem bearing	RPTFE
lever and grip	steel, zinc plated with vinyl
lever nut	steel, zinc plated
gland nut	brass, ASTM B16-C36000

performance rating

CWP	SWP
600 psig	150 psig



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

10715 Sikes Place / suite 200 / Charlotte / NC / 28277

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job name

job location

engineer

contractor

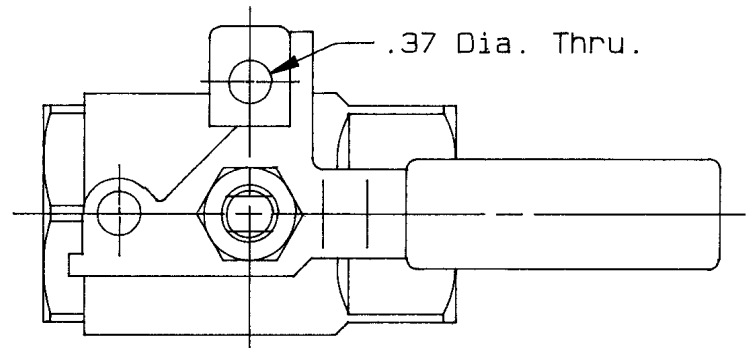
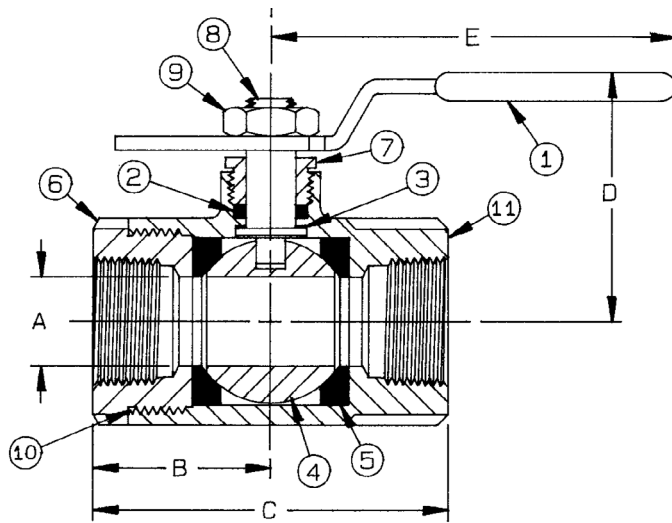
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dimensions

part number	size	a	b	c	d	e
75-101-01	¼"	0.43"	1.12"	1.58"	2.25"	3.00"
75-102-01	⅜"	0.50"	1.12"	1.90"	2.25"	3.00"
75-103-01	½"	0.50"	1.12"	1.58"	2.25"	3.00"
75-104-01	¾"	0.87"	1.68"	1.90"	3.37"	3.87"
75-105-01	1"	0.87"	1.68"	2.25"	3.37"	3.87"
75-106-01	1 ¼"	1.00"	2.00"	2.53"	4.00"	5.50"
75-107-01	1 ½"	1.25"	2.16"	2.86"	4.37"	5.50"
75-108-01	2"	1.50"	2.34"	3.40"	4.68"	5.50"

options

option	component	size
(-P01)	BSPP (parallel) thread connection	all
(-T01)	BSPT (tapered) thread connection	all
(-02)	stem grounded	all
(-08)	90° reversed stem	all
(-10)	ss lever and nut	all
(-14)	side vented ball (uni-directional)	all
(-24)	graphite packing, PTFE body seal, RPTFE bearing (API 607, 6th edition, ISO 10497:2010)	all
(-41)	automatic drain	all
(-57)	oxygen cleaned	all
(-60)	static grounded ball & stem	all