

MODEL 305A Series

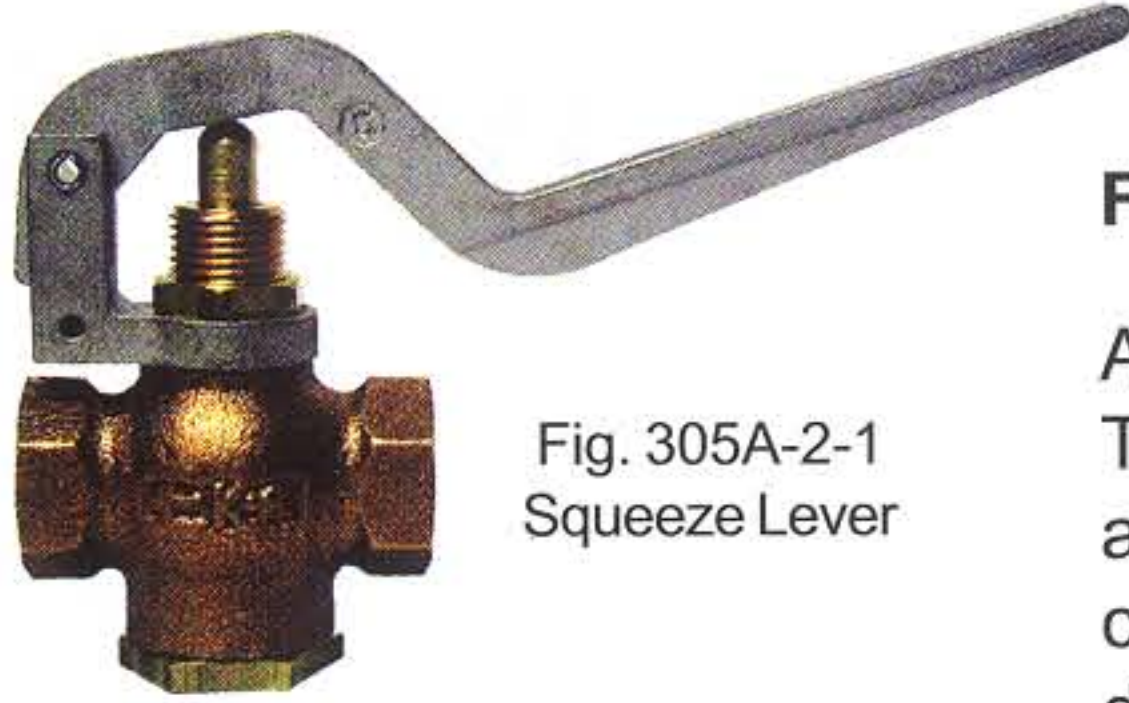


Fig. 305A-2-1
Squeeze Lever

Features

A normally closed, quick opening valve, often referred to as a "Whistle Valve." This valve has been in service for many years on agricultural and industrial applications, for both compressed air and liquid. The valve body is heavy cast brass with internal components of machined brass. The standard valve disc and O-Ring are Buna-N. Teflon and Viton seals are available on most sizes. Springs are stainless steel.

Maximum Working Pressure, 400 PSIG @ 60°F

Maximum Working Temperature, 200°F

Not recommended for steam service.

Fig. 305A-4-2
Pull Lever



Valves are supplied with a "Squeeze Lever", "Pull Lever", or less the lever, bracket & pin.

Air powered actuators are available. See page 49.

Applications requiring manual operation at pressures above 150 PSIG, our Figure 305B, balanced valves are recommended for ease of operation. See page 44.

End use of "KINGSTON" products is the sole responsibility of the user.



Fig. 305A-2-IL
Lock-Type

Pipe Sizes Available	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"
Size Code	-2	-3	-4	-5	-6	-7
Options	Squeeze Lever	Pull Lever	Less Lever, Bracket & Less			
Lever Code	-1	-2	-3			

Ordering sequence. Give Fig. number, pipe size and required lever.

Example: Fig. 305A-4-2 (Fig. 305A, 1/2" w/pull lever)
Fig. 305A-6-3 (Fig. 305A, 1" less lever & bracket assembly)

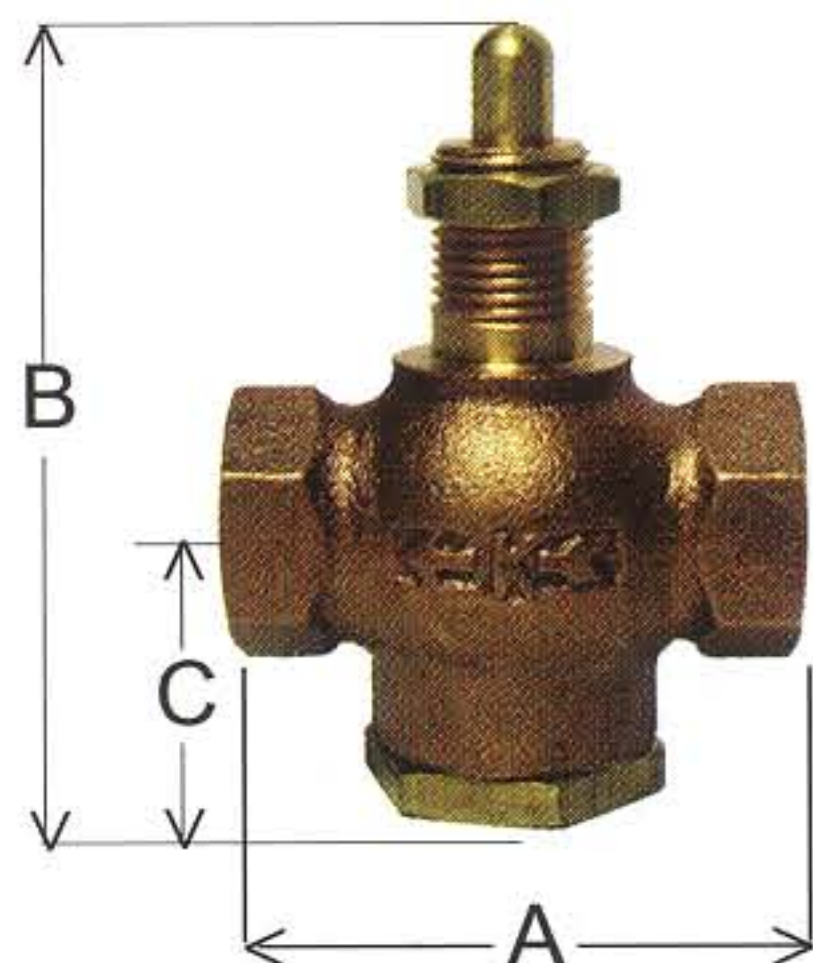


Fig. 305A-2-3

Figure 305A - Dimension Chart

Fig.	Size	A	B	C
305A-2-3	1/4"	2-5/32"	2-31/32"	1-1/16"
305A-3-3	3/8"	3-5/32"	2-31/32"	1-1/16"
305A-4-3	1/2"	2-11/16"	4"	1-9/16"
305A-5-3	3/4"	3-1/16"	4-7/16"	1-27/32"
305A-6-3	1"	4"	5-1/8"	2-3/8"
305A-7-3	1-1/4"	4"	5-1/8"	2-3/8"



Valve Parts List

Description	Fig. 305A-2- 305A-3- (1/4" & 3/8")	Fig. 305A-4- (1/2")	Fig. 305A-5- (3/4")	Fig. 305A-6- 305A-7- (1" -1-1/4")
Body	1/4" 305A201 3/8" 305A302	305A401	305A501	1" 305AD601 1-1/4" 305A701
Cap	305A202	200402	305A502	1" 305H602 1-1/4" 305A602
Disc Cage	KC-50-2	KC-50-4	305A503	305A604
Disc (Standard)	KC101-04	KC101-07	KC101-09	KC101-12
Teflon Disc	KC103-16	KC103-20	KC103-08	KC107-15
Viton Disc	_____	KC101-FPM-07	KC101-FPM-09	KC101-FPM-12
Stem (Standard)	305A203	305A203	305A504	305A603
Stem, ENplated	_____	_____	_____	305A603EN
Stem Nut	KC656-2-00	KC561-2-2	KC561-2-2	305A605
Stem O-Ring (Standard)	KC600-NBR-008	KC600-NBR-008	KC600-NBR-010	KC600-NBR-011
Viton Stem O-Ring	KC600-FPM-008	KC600-FPM-008	KC600-FPM-010	KC600-FPM-011
Spring	KC780-015	KC780-081	KC780-006	KC780-006
Pull Lever	305A207	305A207	305A404	305A404
Squeeze Lever	305A205	305A205	305A409	305A409
Lever Pin	KC455-6-8	KC455-6-8	292208	292208
Retaining Ring (2)	_____	_____	KC724-1-25	KC724-1-25
Bracket	305A204	305A405	305A407	305A407
Bracket Lock Nut	KC565-2-09	KC565-2-08	KC565-2-08	KC565-2-08
Stem Assembly (Standard) *	305A215	305A408	305A505	305A606
W/Teflon Disc & Viton O-Ring	305ATF215	305ATF408	305ATF505	305ATF606
W/Viton Disc & O-Ring	_____	305AFF408	305AFF505	305AFF606
Repair Kit (Standard) **	305A-2-KIT	305A-4-KIT	305A-5-KIT	305A-6-KIT
W/Teflon Disc & Viton O-Ring	305ATF-2-KIT	305ATF-4-KIT	305ATF-5-KIT	305ATF-6-KIT
W/Viton Disc & O-Ring	_____	305AFF-4-KIT	305AFF-5-KIT	305AFF-6-KIT
SQ. Lever Brkt Assy. ***	305A210-1	305A410-1	305A430-1	305A430-1
HD SQ. Lever Brkt Assy. ***	_____	305A430-1	_____	_____
Pull Lever Brkt Assy. ***	305A220-2	305A420-2	305A440-2	305A440-2
HD Pull Lever Brkt Assy. ***	_____	305A440-2	_____	_____

Option for 1/4", 3/8" and 1/2" valves: Lever Lock Wire, P/N KC900-1

* Consists of Disc, Disc Cage, Stem, Stem Nut and O-Ring

** Consists of Disc, O-Ring and Spring.

*** Consists of Lever, Bracket and Lever Pin. (Retainer Rings Included on 305430-1 and 305A440-2 Assemblies.)

For Pull Lever in Horizontal Position, Add "H" to the End of the Assembly. (i.e., 305A220-2H)

