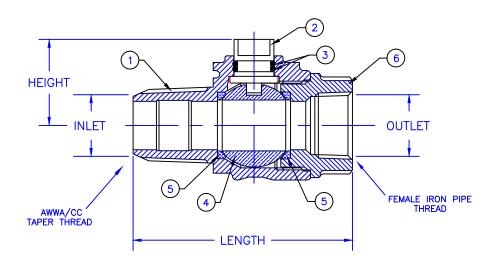


MODEL NO. 301

AWWA (CC) x FEMALE IRON PIPE

CORPORATION MAIN STOP BALL STYLE

AWWA/CC TAPER THREAD INLET BY FEMALE IRON PIPE OUTLET



PARTS AND MATERIAL:

- 1. VALVE BODY: CAST BRASS, ALLOY C83600 2. STEM: STAINLESS STEEL, TYPE 303 3. O-RING: NITRILE RUBBER

- 4. BALL: CAST BRASS, ALLOY C89833
- 5. SEATS: TEFLON
- 6. ENDBODY: CAST BRASS, ALLOY C83600

FEATURES:

- MANUFACTURED IN COMPLIANCE WITH AWWA STANDARD C800-05 (ASTM B-584, UNS NO C89833).

 CONFORMS TO ANSI/NSF 61-8

 CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking

- Water Act. PL 111–380)
 BLOWOUT PROOF DESIGN.
 300 PSI WORKING PRESSURE.
 BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.
 FULL 360 DEGREE ROTATION.

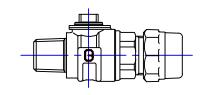
Cambridge Brass considers the information in this submittal form to be correct at the time of publication. Item and option availability, including specifications, are subject to change without notice.

VALVE SIZE IN	CATALOG NO.	INLET AWWA (CC) IN(mm)	OUTLET F.I.P. IN(mm)	LENGTH IN(mm)	HEIGHT IN(mm)	APPROX. WEIGHT LBS.(kg)
3/4"	301NL-A3F3	3/4"(19)	3/4"(19)	3.40"(86)	1.33"(34)	
1"	301NL-A4F4	1"(25)	1"(25)	3.84"(98)	1.51"(38)	2.0(0.91)
1 1/4"	301NL-A5F5	1 1/4"(32)	1 1/4"(32)	5.40"(137)	2.17"(55)	5.8(14.73)
1 1/2"	301NL-A6F6	1 1/2"(38)	1 1/2"(38)	5.52"(140)	2.17"(55)	6.0(15.24)
2"	301NL-A7F7	2"(51)	2"(51)	5.81"(148)	2.47"(63)	8.7(20.32)

Submitted by:

FILE: SUBMITTAL/301-A_F_.DWG MD, MAY 2014



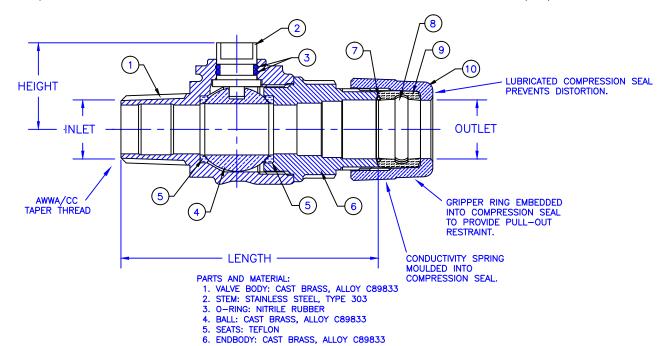


MODEL NO. 301NL

AWWA (CC) x CB COMPRESSION

CORPORATION MAIN STOP BALL STYLE

AWWA/CC TAPER THREAD INLET BY CB COMPRESSION FOR COPPER OR PLASTIC TUBING (CTS) OUTLET



FEATURES:

- ALL COMPONENTS CONFORM TO AWWA C800

 (ASTM B-584, UNS NO C89833 FOR BRASS PARTS IN CONTACT WITH POTABLE WATER,
 AND ASTM B-62 AND B-584, UNS NO C83600 FOR ALL OTHER BRASS PARTS).

 CONFORMS TO ANSI/NSF 61-8

7. CONDUCTOR SPRING: BRASS 8. GRIPPER: STAINLESS STEEL, TYPE 302 9. COMPRESSION SEAL: EPDM 10. TAILNUT: CAST BRASS, ALLOY C83600

- CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking Water Act. PL 111-380)
- BLOWOUT PROOF DÉSIGN.
- 300 PSI WORKING PRESSURE. BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION. FULL 360 DEGREE ROTATION.

Cambridge Brass considers the information in this submittal form to be correct at the time of publication. Item and option availability, including specifications, are subject to change without notice.

VALVE SIZE	CATALOG NO.	INLET AWWA/CC	OUTLET CB COMP.	LENGTH	HEIGHT	APPROX. WT. LBS.
5/8"	301NL-A2H2	5/8"	5/8"	3.92"	1.16"	1.5
3/4"	301NL-A3H3	3/4"	3/4"	4.05"	1.33"	1.8
3/4"	301NL-A3H4	3/4"	1"	4.30"	1.33"	2.1
1"	301NL-A4H4	1"	1"	4.59"	1.51"	2.8
1 1/4"	301NL-A5H5	1 1/4"	1 1/4"	6.37"	2.17"	8.2
1 1/2"	301NL-A6H6	1 1/2"	1 1/2"	6.49"	2.17"	7.5
1 1/2"	301NL-A6H7	1 1/2"	2"	6.53"	2.17"	8.2
2"	301NL-A7H7	2"	2"	6.78"	2.47"	10.6

Submitted by:

FILE: SUBMITTAL/301NL-A_H_.DWG BN, OCT 2, 2017



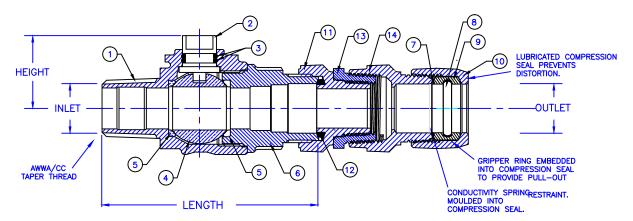


MODEL NO. 301NL

AWWA (CC) x CB COMPRESSION **INSULATED**

CORPORATION MAIN STOP BALL STYLE

AWWA/CC TAPER THREAD INLET BY CB COMPRESSION FOR COPPER OR PLASTIC TUBING (CTS) OUTLET WITH PROTECTION AGAINST SERVICE LINE ELECTROLYSIS

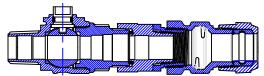


PARTS AND MATERIAL:

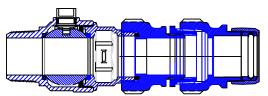
- 1. VALVE BODY: CAST BRASS, ALLOY C89833
 2. STEM: STAINLESS STEEL, TYPE 303
 3. O-RING: NITRILE RUBBER
 4. BALL: CAST BRASS, ALLOY C89833
 5. SEATS: TEELON

- 4. BALL: CAST BRASS, ALLOY C89833
 5. SEATS: TEFLON
 6. ENDBODY: CAST BRASS, ALLOY C89833
 7. CONDUCTOR SPRING: BRASS
 8. GRIPPER: STAINLESS STEEL, TYPE 302
 9. COMPRESSION SEAL: NITRILE RUBBER
 10. TAILINUT: CAST BRASS, ALLOY C83600
 11. FEMALE COMPRESSION BODY: CAST BRASS, ALLOY C89833
 12. SFAL: NITRILE RUBBER

- 12. SEAL: NITRILE RUBBER
 13. INSULATOR: NYLON
 14. INSULATOR BODY: CAST BRASS, ALLOY C89833



301NL-A3HI3 CONFIGURATION



301NL-A6HI6 & 301NL-A7HI7 CONFIGURATION

- FEATURES:

 MANUFACTURED IN COMPLIANCE WITH AWWA STANDARD C800-05

 (ASTM B-584 UNS NO C89833 FOR BRASS PARTS IN CONTACT WITH POTABLE WATER, AND ASTM B-62 AND B-584 UNS NO C83600 FOR ALL OTHER BRASS PARTS).

 CSA CLASSIFIED TO ANSI/NSF STANDARD 61-8.

 BLOWOUT PROOF STEM DESIGN.

 300 PSI WORKING PRESSURE.

 BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.

 FULL 360 DEGREE ROTATION.

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VALVE SIZE	CATALOG NO.	INLET AWWA/CC	OUTLET CB COMP.	HEIGHT	LENGTH	APPROX. WT. LBS.
3/4"	301NL-A3HI3	3/4"	3/4"	1.33"	4.05"	2.8
1"	301NL-A4HI4	1"	1"	1.51"	4.59"	4.8
1 1/2"	301NL-A6HI6	1 1/2"	1 1/2"	2.17"	6.49"	11.5
2"	301NL-A7HI7	2"	2"	2.47"	6.78"	18.5

Submitted by:

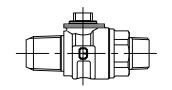
FILE: SUBMITTAL/301-A_HI_DWG REV. D - JSP, JULY 2013

Cambridge Brass P.O. Box 249 140 Orion Place Cambridge, Ontario Canada N1R 5V1 Tel: (519) 621-5520 Fax: (519) 621-8674

http://www.cambridgebrass.com

MODEL NO. 301NL

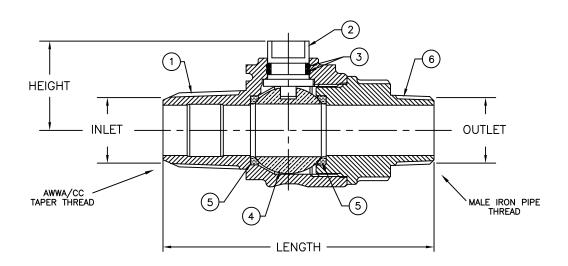




AWWA (CC) x MALE IRON PIPE

CORPORATION STOP BALL STYLE

AWWA/CC TAPER THREAD INLET BY MALE IRON PIPE THREAD OUTLET



PARTS AND MATERIAL:

- 1. VALVE BODY: CAST BRASS, ALLOY C89833 2. STEM: STAINLESS STEEL, TYPE 303 3. O-RING: NITRILE RUBBER

- 4. BALL: CAST BRASS, ALLOY C89833
- 5. SEATS: TEFLON
- 6. ENDBODY: CAST BRASS, ALLOY C89833

- FEATURES:

 ALL COMPONENTS CONFORM TO AWWA C800-05

 (ASTM B-584, UNS NO C89833 FOR BRASS PARTS IN CONTACT WITH POTABLE WATER, AND ASTM B-62 AND B-584, UNS NO C83600 FOR ALL OTHER BRASS PARTS).

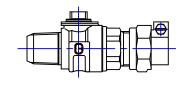
 CONFORMS TO ANSI/NSF 61-8

 CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking Water Act. PL 111-3
- CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking Water Act. PL 111-380) BLOWOUT PROOF DESIGN.
- 300 PSI WORKING PRESSURE
- BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.
- FULL 360 DEGREE ROTATION.

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VALVE SIZE	CATALOG NO.	INLET AWWA/CC	OUTLET M.I.P.	LENGTH	HEIGHT	APPROX. WT. LBS.
3/4"	301NL-A3M3	3/4"	3/4"	4.05"	1.33"	1.4
1"	301NL-A4M4	1"	1"	4.71"	1.51"	2.2
1 1/4"	301NL-A5M5	1 1/4"	1 1/4"	6.50"	2.25"	5.1
1 1/2"	301NL-A6M6	1 1/2"	1 1/2"	6.40"	2.17"	6.4
1 1/2"	301NL-A6M7	1 1/2"	2"	6.56"	2.17"	7.2
2"	301NL-A7M7	2"	2"	6.78"	2.47"	9.3



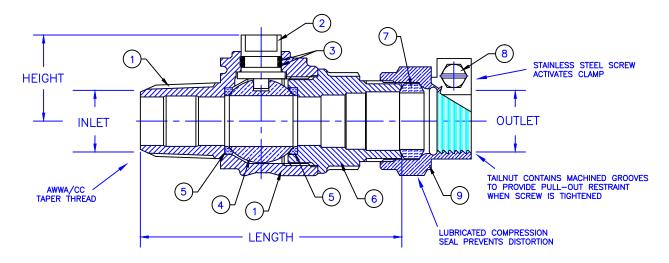


MODEL NO. 301NL

AWWA (CC) x CAMPAK

CORPORATION MAIN STOP BALL STYLE

AWWA/CC TAPER THREAD INLET BY CAMPAK FOR COPPER OR PLASTIC TUBING (CTS) OUTLET



PARTS AND MATERIAL:

- 1. VALVE BODY: CAST BRASS, ALLOY C89833 2. STEM: STAINLESS STEEL, TYPE 303 3. O-RING: NITRILE RUBBER

- 4. BALL: CAST BRASS, ALLOY C89833 5. SEATS: TEFLON

- 5. SEATS: TEFLUN
 6. ENDBODY: CAST BRASS, ALLOY C89833
 7. COMPRESSION SEAL: NITRILE RUBBER
 8. SCREW: STAINLESS STEEL, ALLOY 304
 9. CAMPAK NUT: CAST BRASS, ALLOY C83600

FEATURES:

- MANUFACTURED IN COMPLIANCE WITH AWWA STANDARD C800-05 (ASTM B-584, UNS NO C89833).

 CONFORMS TO ANSI/NSF 61-8

 CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking

- Water Act. PL 111–380)
 BLOWOUT PROOF DESIGN.
 300 PSI WORKING PRESSURE.
 BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.
 FULL 360 DEGREE ROTATION.

Cambridge Brass considers the information in this submittal form to be correct at the time of publication. Item and option availability, including specifications, are subject to change without notice.

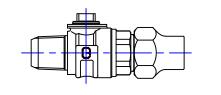
VALVE SIZE	CATALOG NO.	INLET AWWA (CC)	OUTLET CAMPAK	LENGTH	HEIGHT	APPROX. WT. LBS.
3/4"	301NL-A3B3	3/4"	3/4"	4.05"	1.33"	1.8
1"	301NL-A4B4	1"	1"	4.59"	1.51"	2.7
1 1/2"	301NL-A6B6	1 1/2"	1 1/2"	6.49"	2.17"	
1 1/2"	301NL-A6B7	1 1/2"	2"	6.53"	2.17"	
2"	301NL-A7B7	2"	2"	6.78"	2.47"	

Submitted by:

FILE: SUBMITTAL/301NL-AB.DWG MD, MAY 2014

MODEL NO. 301NL

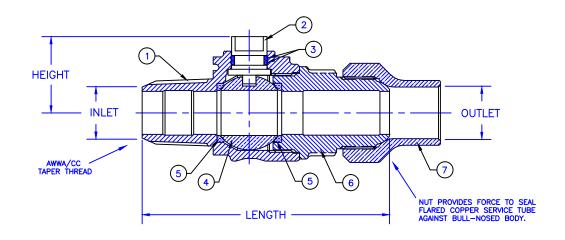




AWWA (CC) x COPPER FLARE

CORPORATION MAIN STOP BALL STYLE

AWWA/CC TAPER THREAD INLET BY COPPER FLARE FOR COPPER TUBING OUTLET



PARTS AND MATERIAL:

- 1. VALVE BODY: CAST BRASS, ALLOY C89833 2. STEM: STAINLESS STEEL, TYPE 303 3. O-RING: NITRILE RUBBER

- 4. BALL: CAST BRASS, ALLOY C89833
- 5. SEATS: TEFLON
- 6. ENDBODY: CAST BRASS, ALLOY C89833 7. COPPER FLARE NUT: CAST BRASS, ALLOY C83600

- FEATURES:

 MANUFACTURED IN COMPLIANCE WITH AWWA STANDARD C800-05 (ASTM B-584, UNS NO C89833).

 CONFORMS TO ANSI/NSF 61-8

- CONFORMS 10 ANSI/NSF 61-8
 CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking Water Act. PL 111-380)
 BLOWOUT PROOF DESIGN.
 300 PSI WORKING PRESSURE.
 BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.
 FULL 360 DEGREE ROTATION.

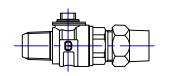
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VALVE SIZE	CATALOG NO.	INLET AWWA (CC)	OULET "CF"	LENGTH	HEIGHT	APPROX. WT. LBS.
1/2"	301NL-A1C1	1/2"	1/2"	3.87"	1.15"	1.1
3/4"	301NL-A3C3	3/4"	3/4"	4.32"	1.33"	1.9
1"	301NL-A4C4	1"	1"	4.82"	1.51"	2.9
1 1/4"	301NL-A5C5	1 1/4"	1 1/4"	6.37"	2.17"	8.4
1 1/2"	301NL-A6C6	1 1/2"	1 1/2"	6.99"	2.17"	8.5
2"	301NL-A7C7	2"	2"	7.41"	2.47"	12.8

Submitted by:

FILE: SUBMITTAL/301NL-AC.DWG MD, JUNE 2014



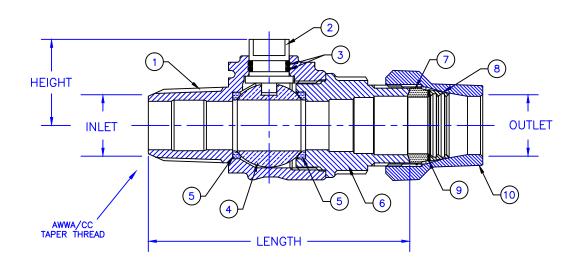


MODEL NO. 301NL

AWWA (CC) x GRIP JOINT

CORPORATION MAIN STOP BALL STYLE

AWWA/CC TAPER THREAD INLET BY GRIP JOINT FOR COPPER OR PLASTIC TUBING (CTS) OUTLET



- PARTS AND MATERIAL:

 1. VALVE BODY: CAST BRASS, ALLOY C89833
 2. STEM: STAINLESS STEEL, TYPE 303
 3. O-RING: NITRILE RUBBER
 4. BALL: CAST BRASS, ALLOY C89833
 5. SEATS: TEFLON
 6. ENDBODY: CAST BRASS, ALLOY C89833
 7. GASKET: NITRILE RUBBER
 8. GRIPPER: BRASS, ALLOY C26000
 9. WASHER: POLYETHYLENE
 10. GRIP JOINT NUT: CAST BRASS, ALLOY C836

- 10. GRIP JOINT NUT: CAST BRASS, ALLOY C83600

- FEATURES:

 MANUFACTURED IN COMPLIANCE WITH AWWA STANDARD C800-05 (ASTM B-584, UNS NO C89833).

 CONFORMS TO ANSI/NSF 61-8

 CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking Water Act. PL 111-380)

 BLOWOUT PROOF DESIGN.

- 300 PSI WORKING PRESSURE.
 BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.
 FULL 360 DEGREE ROTATION.

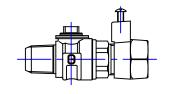
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VALVE SIZE	CATALOG NO.	INLET AWWA (CC)	OUTLET GRIP JOINT	LENGTH	HEIGHT	APPROX. WT. LBS.
3/4"	301NL-A3GJ3	3/4"	3/4"	4.05"	1.33"	1.7
1"	301NL-A4GJ4	1"	1"	4.59"	1.51"	2.9

Submitted by:

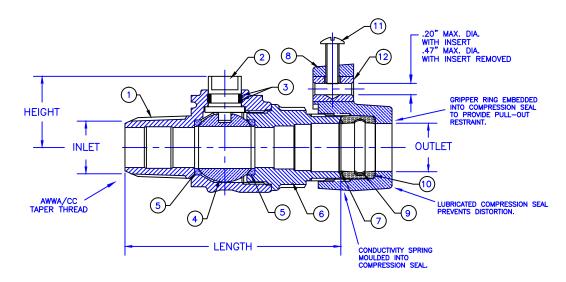
FILE: SUBMITTAL/301NL MD, MAY 2014





MODEL NO. 301NL AWWA (CC) x CB COMPRESSION ELECTRICAL CORPORATION MAIN STOP BALL STYLE

AWWA/CC TAPER THREAD INLET BY CB COMPRESSION FOR COPPER OR PLASTIC TUBING (CTS) OUTLET



- PARTS AND MATERIAL:

 1. VALVE BODY: CAST BRASS, ALLOY C89833
 2. STEM: STAINLESS STEEL, TYPE 303
 3. O-RING: NITRILE RUBBER
 4. BALL: CAST BRASS, ALLOY C89833
 5. SEATS: TEFLON
 6. ENDBODY: CAST BRASS, ALLOY C89833
 7. CONDUCTOR SPRING: BRASS
 8. CB ELECT. TRAILNUT: CAST BRASS, ALLOY C83600
 9. GRIPPER: STAINLESS STEEL, TYPE 302
 10. COMPRESSION SEAL: NITRILE RUBBER
 11. SCREW: SILICON BRONZE
 12. INSERT: COPPER, ALLOY C14500

- EATURES:
 ALL COMPONENTS CONFORM TO AWWA C800-05
 (ASTM B-584, UNS NO C89833 FOR BRASS PARTS IN CONTACT WITH POTABLE WATER,
 AND ASTM B-62 AND B-584, UNS NO C83600 FOR ALL OTHER BRASS PARTS).
 CONFORMS TO ANSI/NSF 61-8
 CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking Water Act. PL 111-380)
 BLOWOUT PROOF DESIGN.
 300 PSI WORKING PRESSURE.
 BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.
 FULL 360 DEGREE ROTATION.

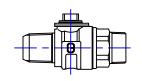
Cambridge Brass considers the information in this submittal form to be correct at the time of publication. Item and option availability, including specifications, are subject to change without notice.

VALVE SIZE	CATALOG NO.	INLET AWWA / CC	OUTLET CB ELECT.	LENGTH	HEIGHT	APPROX. WT. LBS.
3/4"	301NL-A3HE3	3/4"	3/4"	4.05"	1.33"	2.0
1"	301NL-A4HE4	1"	1"	4.59"	1.51"	3.0
1 1/2"	301NL-A6HE6	1 1/2"	1 1/2"	6.49"	2.17"	
1 1/2"	301NL-A6HE7	1 1/2"	2"	6.53"	2.17"	
2"	301NL-A7HE7	2"	2"	6.78"	2.47"	11.2

Submitted by:

FILE: SUBMITTAL/301NLAHE.DWG MD, MAY 2014

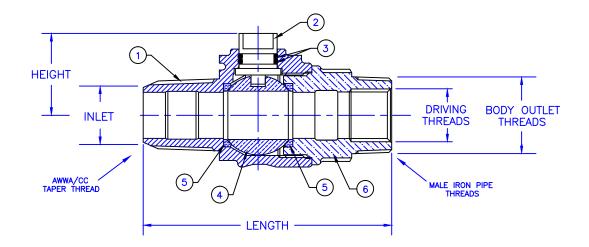




MODEL NO. 301NL

AWWA (CC) x INTERNAL DRIVING THREAD CORPORATION MAIN STOP BALL STYLE

AWWA/CC TAPER THREAD INLET BY INCREASED MIP THREAD OUTLET WITH INTERNAL DRIVING THREAD



PARTS AND MATERIAL:

- 1. VALVE BODY: CAST BRASS, ALLOY C89833 2. STEM: STAINLESS STEEL, TYPE 303 3. O-RING: NITRILE RUBBER

- 4. BALL: CAST BRASS, ALLOY C89833 5. SEATS: TEFLON
- 6. ENDBODY: CAST BRASS, ALLOY C89833

- ATURES:

 ALL COMPONENTS CONFORM TO AWWA C800-05

 (ASTM B-584, UNS NO C89833 FOR BRASS PARTS IN CONTACT WITH POTABLE WATER, AND ASTM B-62 AND B-584, UNS NO C83600 FOR ALL OTHER BRASS PARTS). CONFORMS TO ANSI/NSF 61-8

 CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking Water Act. PL 111-380) BLOWOUT PROOF DESIGN.

 300 PSI WORKING PRESSURE.

 BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.

 FULL 360 DEGREE ROTATION.

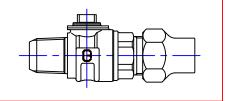
Cambridge Brass considers the information in this submittal form to be correct at the time of publication. Item and option availability, including specifications, are subject to change without notice.

VALVE SIZE	CATALOG NO.	INLET AWWA (CC)	OUTLET M.I.P.	DRIVING THREAD	LENGTH	HEIGHT	APPROX. WT. LBS.
3/4"	301NL-A3ID3	3/4"	1"	.75–12	4.27"	1.33"	
1"	301NL-A4ID4	1"	1 1/4"	1.00-12	4.65"	1.51"	
1 1/2"	301NL-A6ID6	1 1/2"	2"	1.50-8	6.56"	2.17"	
2"	301NL-A7ID7	2"	2 1/2"	2.00-8	7.04"	2.47"	10.3

Submitted by:

FILE: SUBMITTAL/301NLAD.DWG MD, MAY 2014



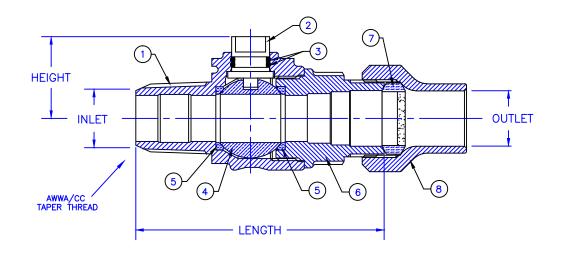


MODEL NO. 301NL

AWWA (CC) x HAYSTITE

CORPORATION MAIN STOP BALL STYLE

AWWA/CC TAPER THREAD INLET BY HAYSTITE FOR COPPER OR PLASTIC TUBING (CTS) OUTLET



PARTS AND MATERIAL:

- 1. VALVE BODY: CAST BRASS, ALLOY C89833 2. STEM: STAINLESS STEEL, TYPE 303 3. O-RING: NITRILE RUBBER

- BALL: CAST BRASS, ALLOY C89833

- 4. BALL: CAST BRASS, ALLOT C09833
 5. SEATS: TEFLON
 6. ENDBODY: CAST BRASS, ALLOY C89833
 7. COMPRESSION SEAL: NITRILE RUBBER, WITH GRIT
 8. TAILNUT: CAST BRASS, ALLOY C83600

- ALL COMPONENTS CONFORM TO AWWA C800-05

 (ASTM B-584, UNS NO C89833 FOR BRASS PARTS IN CONTACT WITH POTABLE WATER,
 AND ASTM B-62 AND B-584, UNS NO C83600 FOR ALL OTHER BRASS PARTS).

 CONFORMS TO ANSI/NSF 61-8
- CONFORMS TO ANSI/NSF 87-8

 CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking Water Act. PL 111-380)

 BLOWOUT PROOF DESIGN.

 300 PSI WORKING PRESSURE.

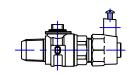
 BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.

 FULL 360 DEGREE ROTATION.

Cambridge Brass considers the information in this submittal form to be correct at the time of publication. Item and option availability, including specifications, are subject to change without notice.

VALVE SIZE	CATALOG NO.	INLET AWWA / CC	OUTLET HAYSTITE	LENGTH	HEIGHT	APPROX. WT. LBS.
3/4"	301NL-A3J3	3/4"	3/4"	4.05"	1.33"	1.7
1"	301NL-A4J4	1"	1"	4.59"	1.51"	

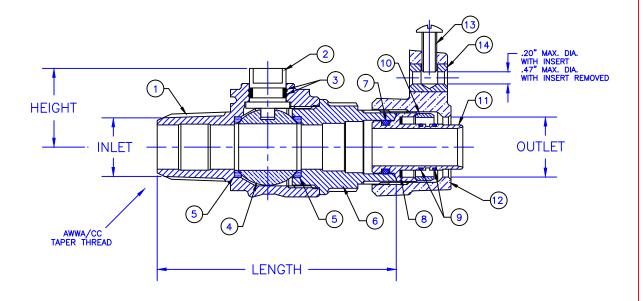




MODEL NO. 301NL

AWWA (CC) x KITEC ELECTRICAL

CORPORATION MAIN STOP BALL STYLE



- PARTS AND MATERIAL:
 1. VALVE BODY: CAST BRASS, ALLOY C89833
 2. STEM: STAINLESS STEEL, TYPE 303
 3. 0-RING: NITRILE RUBBER

- BALL: CAST BRASS, ALLOY C89833

- 4. BALL: CAST BRASS, ALLOY C89833
 5. SEATS: TEFLON
 6. ENDBODY: CAST BRASS, ALLOY C89833
 7. O-RING: NITRILE RUBBER
 8. INSULATOR: POLYETHYLENE
 9. O-RING: NITRILE RUBBER
 10. GRIPPER: BRASS, ALLOY C51000
 11. INSERT: COPPER, ALLOY C23000
 12. KITEC ELECTRICAL NUT: CAST BRASS, ALLOY C83600
 13. SCREW: SILICON BRONZE
 14. INSERT: COPPER, ALLOY C14500

- FEATURES:

 ALL COMPONENTS CONFORM TO AWWA C800-05
 (ASTM B-584, UNS NO C89833 FOR BRASS PARTS IN CONTACT WITH POTABLE WATER,
 AND ASTM B-62 AND B-584, UNS NO C83600 FOR ALL OTHER BRASS PARTS).

 CONFORMS TO ANSI/NSF 61-8

 CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking Water Act. PL 111-380)

 BLOWOUT PROOF DESIGN.

 300 PSI WORKING PRESSURE.

 BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.

 FULL 360 DEGREE ROTATION.

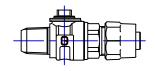
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VALVE SIZE	CATALOG NO.	INLET AWWA (CC)	OUTLET KITEC	LENGTH	HEIGHT	APPROX. WT. LBS.
3/4"	301NL-A3KE3	3/4"	3/4"	4.05"	1.33"	1.9
1"	301NL-A4KE4	1"	1"	4.59"	1.51"	2.9

Submitted by:

FILE: SUBMITTAL/301NLAKE.DW MD, MAY 2014

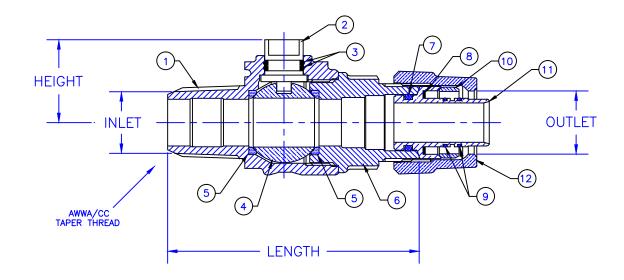




MODEL NO. 301NL

AWWA (CC) x KITEC

CORPORATION MAIN STOP BALL STYLE



PARTS AND MATERIAL:

- 1. VALVE BODY: CAST BRASS, ALLOY C89833
 2. STEM: STAINLESS STEEL, TYPE 303
 3. O-RING: NITRILE RUBBER
 4. BALL: CAST BRASS, ALLOY C89833
 5. SEATS: TEFLON
 6. ENDRODY: CAST BRASS, ALLOY C80877

- 5. SEATS: TEFLON
 6. ENDBODY: CAST BRASS, ALLOY C89833
 7. O-RING: NITRILE RUBBER
 8. INSULATOR: POLYETHYLENE
 9. O-RING: NITRILE RUBBER
 10. GRIPPER: BRASS, ALLOY C51000
 11. INSERT: COPPER, ALLOY C23000
 12. KITEC NUT: CAST BRASS, ALLOY C83600

- FEATURES:

 ALL COMPONENTS CONFORM TO AWWA C800-05
 (ASTM B-584, UNS NO C89833 FOR BRASS PARTS IN CONTACT WITH POTABLE WATER,
 AND ASTM B-62 AND B-584, UNS NO C83600 FOR ALL OTHER BRASS PARTS).

 CONFORMS TO ANSI/NSF 61-8

 CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking Water Act. PL 111-380)

 BLOWOUT PROOF DESIGN.

- 300 PSI WORKING PRESSURE.
 BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.
- FULL 360 DEGREE ROTATION.

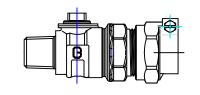
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VALVE SIZE	CATALOG NO.	INLET AWWA (CC)	OUTLET KITEC	LENGTH	HEIGHT	APPROX. WT. LBS.
3/4"	301NL-A3K3	3/4"	3/4"	4.05"	1.33"	1.9
1"	301NL-A4K4	1"	1"	4.59"	1.51"	2.9

Submitted by:

FILE: SUBMITTAL/301-A_K MD, MAY 2014



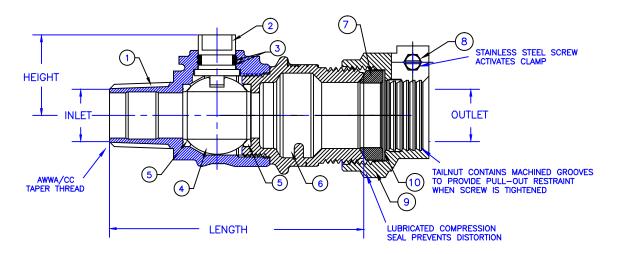


MODEL NO. 301NL

AWWA (CC) x PEP

CORPORATION MAIN STOP BALL STYLE

AWWA/CC TAPER THREAD INLET BY PEP OUTLET



PARTS AND MATERIAL:

- 1. VALVE BODY: CAST BRASS, ALLOY C89833 2. STEM: STAINLESS STEEL, TYPE 303 3. O-RING: NITRILE RUBBER

- 4. BALL: CAST BRASS, ALLOY C89833
- 5. SEATS: TEFLON
- 5. SEATS. TELLUN
 6. ENDBODY: CAST BRASS, ALLOY C89833
 7. COMPRESSION SEAL: NITRILE RUBBER
 8. SCREW: STAINLESS STEEL, ALLOY 304
 9. CAMPAK NUT: CAST BRASS, ALLOY C83600

- 10. ANTI-FRICTION RING: HDPE

- FEATURES:

 ALL COMPONENTS CONFORM TO AWWA C800-05

 (ASTM B-584, UNS NO C89833 FOR BRASS PARTS IN CONTACT WITH POTABLE WATER, AND ASTM B-62 AND B-584, UNS NO C83600 FOR ALL OTHER BRASS PARTS).

 CONFORMS TO ANSI/NSF 61-8

- CONFORMS TO ANSI/NSF 37-8

 CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking Water Act. PL 111-380)

 BLOWOUT PROOF DESIGN.

 300 PSI WORKING PRESSURE.

 BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.

 FULL 360 DEGREE ROTATION.

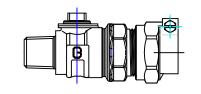
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VALVE SIZE	CATALOG NO.	INLET AWWA/CC	OUTLET PEP	LENGTH	HEIGHT	APPROX. WT. LBS.
3/4"	301NL-A3PE3	3/4"	3/4"	4.21"	1.33"	
1"	301NL-A4PE4	1"	1"	4.78"	1.51"	
1 1/4"	301NL-A5PE5	1 1/4"	1 1/4"	5.65"	1.74"	
1 1/2"	301NL-A6PE6	1 1/2"	1 1/2"	6.53"	2.00"	
2"	301NL-A7PE7	2"	2"	6.70"	2.36"	

Submitted by:

FILE: SUBMITTAL/301NL-APE.DWG MD, MAY 2014



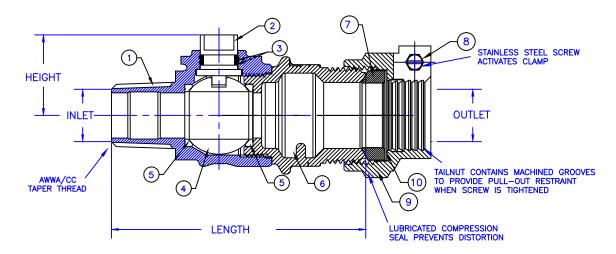


MODEL NO. 301NL

MIP x PVC

CORPORATION MAIN STOP BALL STYLE

MIP TAPER THREAD INLET BY PVC OUTLET



PARTS AND MATERIAL:

- 1. VALVE BODY: CAST BRASS, ALLOY C89833 2. STEM: STAINLESS STEEL, TYPE 303 3. O-RING: NITRILE RUBBER

- 4. BALL: CAST BRASS, ALLOY C89833
- SEATS: TEFLON
- 5. SEATS. TELLUN
 6. ENDBODY: CAST BRASS, ALLOY C89833
 7. COMPRESSION SEAL: NITRILE RUBBER
 8. SCREW: STAINLESS STEEL, ALLOY 304
 9. CAMPAK NUT: CAST BRASS, ALLOY C83600

- 10. ANTI-FRICTION RING: HDPE

FEATURES:

- FEATURES:

 ALL COMPONENTS CONFORM TO AWWA C800-05
 (ASTM B-584, UNS NO C89833 FOR BRASS PARTS IN CONTACT WITH POTABLE WATER,
 AND ASTM B-62 AND B-584, UNS NO C83600 FOR ALL OTHER BRASS PARTS).

 CSA CLASSIFIED TO ANSI/NSF STANDARD 61-8.

 BLOWOUT PROOF DESIGN.

 300 PSI WORKING PRESSURE.

 BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.

 FULL 360 DEGREE ROTATION.

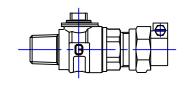
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VALVE SIZE	CATALOG NO.	INLET MIP	OUTLET PVC	LENGTH	HEIGHT	APPROX. WT. LBS.
3/4"	301NL-M3PJ3	3/4"	3/4"	4.21"	1.35"	
1"	301NL-M4PJ4	1"	1"	4.74"	1.51"	
1 1/4"	301NL-M5PJ5	1 1/4"	1 1/4"	5.65"	1.75"	6.45"
1 1/2"	301NL-M6PJ6	1 1/2"	1 1/2"	6.53"	2.15"	
2"	301NL-M7PJ7	2"	2"	6.60"	2.40"	

Submitted by:

FILE: SUBMITTAL/301NL-M_PJ_DWG REV. A — AUGUST 2012



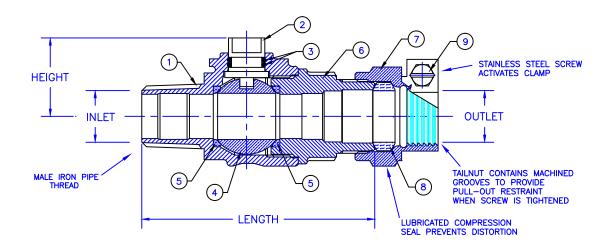


MODEL NO. 301NL

MALE IRON PIPE x CAMPAK

CORPORATION MAIN STOP BALL STYLE

MALE IRON PIPE THREAD INLET BY CAMPAK FOR COPPER OR PLASTIC TUBING (CTS) OUTLET



PARTS AND MATERIAL:

- 1. VALVE BODY: CAST BRASS, ALLOY C89833 2. STEM: STAINLESS STEEL, TYPE 303 3. O-RING: NITRILE RUBBER

- 4. BALL: CAST BRASS, ALLOY C89833
- SEATS: TEFLON
- 6. ENDBODY: CAST BRASS, ALLOY C89833
 7. CAMPAK NUT: CAST BRASS, ALLOY C83600
 8. COMPRESSION SEAL: NITRILE RUBBER
- 9. SCREW: STAINLESS STEEL, ALLOY 304

- FEATURES:
 ALL COMPONENTS CONFORM TO AWWA C800-05
 - ALL COMPONENTS CONFORM TO AWWA C800-05
 (ASTM B-584, UNS NO C89833 FOR BRASS PARTS IN CONTACT WITH POTABLE WATER,
 AND ASTM B-62 AND B-584, UNS NO C83600 FOR ALL OTHER BRASS PARTS).
 CONFORMS TO ANSI/NSF 61-8
 CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking Water Act. PL 111-380)
 BLOWOUT PROOF DESIGN.
 300 PSI WORKING PRESSURE.
 BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.
 FULL 360 DEGREE ROTATION.

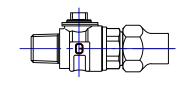
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VALVE SIZE	CATALOG NO.	INLET M.I.P.	OUTLET CAMPAK	LENGTH	HEIGHT	APPROX. WT. LBS.
3/4"	301NL-M3B3	3/4"	3/4"	3.96"	1.33"	1.8
1"	301NL-M4B4	1"	1"	4.59"	1.51"	2.7
1 1/2"	301NL-M6B6	1 1/2"	1 1/2"	6.49"	2.17"	7.6
1 1/2"	301NL-M6B7	1 1/2"	2"	6.53"	2.17"	
2"	301NL-M7B7	2"	2"	6.83""	2.47"	

Submitted by:

FILE: SUBMITTAL/301NL-MD, MAY 2014



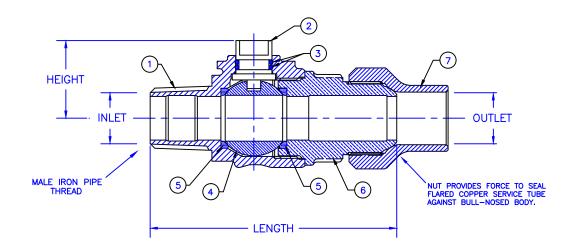


MODEL NO. 301NL

MALE IRON PIPE x COPPER FLARE

CORPORATION MAIN STOP BALL STYLE

MALE IRON PIPE THREAD INLET BY COPPER FLARE FOR COPPER TUBING OUTLET



PARTS AND MATERIAL:

- 1. VALVE BODY: CAST BRASS, ALLOY C89833 2. STEM: STAINLESS STEEL, TYPE 303 3. O-RING: NITRILE RUBBER

- 3. U-KING: NITRILE RUBBER
 4. BALL: CAST BRASS, ALLOY C89833
 5. SEATS: TEFLON
 6. ENDBODY: CAST BRASS, ALLOY C89833
 7. COPPER FLARE NUT: CAST BRASS, ALLOY C83600

- FEATURES:

 ALL COMPONENTS CONFORM TO AWWA C800-05

 (ASTM B-584, UNS NO C89833 FOR BRASS PARTS IN CONTACT WITH POTABLE WATER, AND ASTM B-62 AND B-584, UNS NO C83600 FOR ALL OTHER BRASS PARTS).

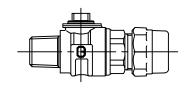
 CONFORMS TO ANSI/NSF 61-8

 CONFORMS TO ANSI/NSF 61-8
- CONFORMS TO ANSI/NSF 87-6
 CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking Water Act. PL 111-380)
 BLOWOUT PROOF DESIGN.
 300 PSI WORKING PRESSURE.
 BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.
 FULL 360 DEGREE ROTATION.

Cambridge Brass considers the information in this submittal form to be correct at the time of publication. Item and option availability, including specifications, are subject to change without notice.

VALVE SIZE	CATALOG NO.	INLET M.I.P.	OUTLET "CF"	LENGTH	HEIGHT	APPROX. WT. LBS.
3/4"	301NL-M3C3	3/4"	3/4"	4.23"	1.33"	1.8
1"	301NL-M4C4	1"	1"	4.82"	1.51"	2.8
1 1/4"	301NL-M5C5	1 1/4"	1 1/4"	6.37"	2.17"	8.4
1 1/2"	301NL-M6C6	1 1/2"	1 1/2"	6.99"	2.17"	8.3
2"	301NL-M7C7	2"	2"	7.41"	2.47"	12.6



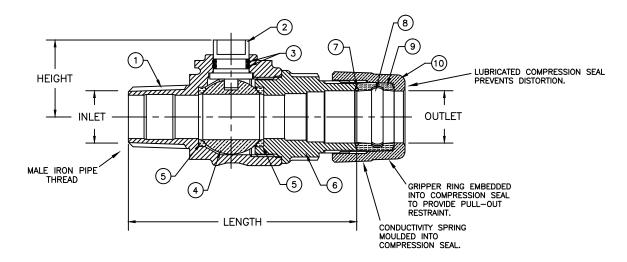


MODEL NO. 301NL

MALE IRON PIPE x CB COMPRESSION

CORPORATION MAIN STOP BALL STYLE

MALE IRON PIPE THREAD INLET BY CB COMPRESSION FOR COPPER OR PLASTIC TUBING (CTS) OUTLET



PARTS AND MATERIAL:

- PARTS AND MATERIAL:

 1. VALVE BODY: CAST BRASS, ALLOY C89833

 2. STEM: STAINLESS STEEL, TYPE 303

 3. O-RING: NITRILE RUBBER

 4. BALL: CAST BRASS, ALLOY C89833

 5. SEATS: TEFLON

 6. ENDBODY: CAST BRASS, ALLOY C89833

 7. CONDUCTOR SPRING: BRASS

 8. GRIPPER: STAINLESS STEEL, TYPE 302

 9. COMPRESSION SEAL: NITRILE RUBBER

 10. TAILNUT: CAST BRASS, ALLOY C83600

FEATURES:

- EATURES:
 ALL COMPONENTS CONFORM TO AWWA C800—05
 (ASTM B-584, UNS NO C89833 FOR BRASS PARTS IN CONTACT WITH POTABLE WATER,
 AND ASTM B-62 AND B-584, UNS NO C83600 FOR ALL OTHER BRASS PARTS).
 CONFORMS TO ANSI/NSF 61-8
 CONFORMS TO ANSI/NSF 372 (COMPLIANT WITH US Safe Drinking Water Act. PL 111-380)
 BLOWOUT PROOF DESIGN.
 300 PSI WORKING PRESSURE.
 BROWN PROVINGE PRESSURE.

- BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.
- FULL 360 DEGREE ROTATION.

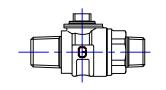
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VALVE SIZE	CATALOG NO.	INLET M.I.P.	OUTLET CB COMP.	LENGTH	HEIGHT	APPROX. WT. LBS.
3/4"	301NL-M3H3	3/4"	3/4"	3.96"	1.33"	1.8
1"	301NL-M4H4	1"	1"	4.59"	1.51"	2.7
1 1/4"	301NL-M5H5	1 1/4"	1 1/4"	6.37"	2.17"	8.3
1 1/2"	301NL-M6H6	1 1/2"	1 1/2"	6.49"	2.17"	7.2
1 1/2"	301NL-M6H7	1 1/2"	2"	6.53"	2.17"	
2"	301NL-M7H7	2"	2"	6.83"	2.47"	10.2

Submitted by:

FILE: SUBMITTAL/301NL-MH.E



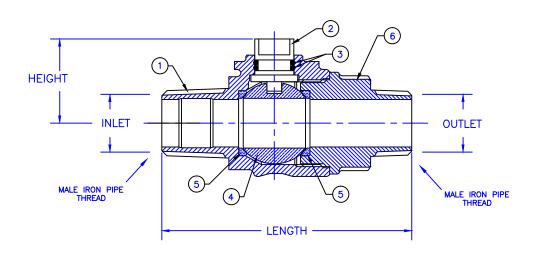


MODEL NO. 301NL

MALE IRON PIPE x MALE IRON PIPE

CORPORATION MAIN STOP BALL STYLE

MALE IRON PIPE THREAD INLET BY MALE IRON PIPE THREAD OUTLET



PARTS AND MATERIAL:

- 1. VALVE BODY: CAST BRASS, ALLOY C89833 2. STEM: STAINLESS STEEL, TYPE 303 3. O-RING: NITRILE RUBBER

- 4. BALL: CAST BRASS, ALLOY C89833 5. SEATS: TEFLON
- 6. ENDBODY: CAST BRASS, ALLOY C89833

- FEATURES:

 ALL COMPONENTS CONFORM TO AWWA C800-05

 (ASTM B-584, UNS NO C89833 FOR BRASS PARTS IN CONTACT WITH POTABLE WATER, AND ASTM B-62 AND B-584, UNS NO C83600 FOR ALL OTHER BRASS PARTS).

 CONFORMS TO ANSI/NSF 61-8
- CONFORMS TO ANSI/NSF 87-8
 CONFORMS TO ANSI/NSF 872 (COMPLIANT WITH US Safe Drinking Water Act. PL 111-380)
 BLOWOUT PROOF DESIGN.
 300 PSI WORKING PRESSURE.
 BODY PROVIDES LARGE, RUGGED FLATS FOR PROPER INSTALLATION.
 FULL 360 DEGREE ROTATION.

Cambridge Brass considers the information in this submittal form to be correct at the time of publication. Item and option availability, including specifications, are subject to change without notice.

VALVE SIZE	CATALOG NO.	INLET M.I.P.	OUTLET M.I.P.	LENGTH	HEIGHT	APPROX. WT. LBS.
3/4"	301NL-M3M3	3/4"	3/4"	3.96"	1.33"	1.4
1"	301NL-M4M4	1"	1"	4.71"	1.51"	2.2
1 1/2"	301NL-M6M6	1 1/2"	1 1/2"	6.40"	2.17"	6.3
1 1/2"	301NL-M6M7	1 1/2"	2"	6.40"	2.17"	7.2
2"	301NL-M7M7	2"	2"	6.85"	2.47"	8.8