LEGEND®
PLUMBING • INDUSTRIAL • COMMERCIAL • HYDRONICS

SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

BRONZE IN-LINE SPRING CHECK VALVE

T/S-455

FNPT or sweat end connections are available.

Durable, heavy-wall cast bronze design is ideal for commercial or industrial applications.

Spring-loaded silent closure operation.

The 1/2-pound cracking pressure spring rate permits faster low-pressure opening without sacrificing quick closure in backflow scenarios.

Bore-guided stem-poppet minimizes over-travel, reducing the chance of premature wear and failure.

Can be installed in the vertical or horizontal positions

Not for reciprocating air compressor installations

Available in nominal sizes 1/2" to 2"



Pictured:
T-455NL



Pictured:
S-455NL

Working Pressure, Non Shock (PSI)

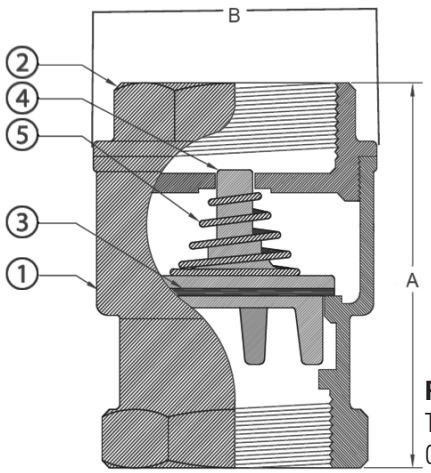
Cold working pressure (CWP):	250 psi
Saturated steam (WSP):	Not suitable for steam service
Maximum service temperature:	250 °F

MATERIAL SPECIFICATION

	PART	MATERIAL	SPECIFICATION
1	Body	Cast bronze	ASTM B584 UNS C84400
2	Disc	Cast bronze	ASTM B584 UNS C84400
3	Seat disc	Buna-N (NBR) rubber	Commercial grade
4	Poppet	(1/2"-1-1/4") Forged brass	ASTM B124 UNSC37700
		(1-1/2" & 2") Cast bronze	ASTM B584 UNS C84400
5	Spring	Forged brass	ASTM B159 UNS C51000

DIMENSIONS - Inch

Size	A (FNPT)	A (CxC)	B
1/2"	2.09	2.40	1.22
3/4"	2.32	2.80	1.50
1"	2.68	3.54	1.89
1-1/4"	3.11	3.86	2.16
1-1/2"	3.47	4.23	2.60
2"	3.86	5.08	3.14



Pictured:
T-455
Cut-away

Standards:
MSS SP-80: Standard practice for bronze gate, globe, angle, and check valves.
ANSI/ASME B1.20.1: Pipe threads, general purpose, Inch.
ANSI/ASME B16.18: Cast Pressure alloy solder-joint pressure fittings.