

SUBMITTAL SHEET

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

NO LEAD BRASS IN-LINE CHECK VALVE

S-450NL

A durable, heavy-wall cast brass design is ideal for water well applications.

The 450 is designed for installation onto water well drop pipe; the body's outside diameter is machined smooth to minimize the chance of snagging other components within the well casing.

The spring-loaded stem-disc and elastomer o-ring seal are a silent closure design type.

The half-pound cracking pressure is ideal for all well pumps types.

Its fully-guided stem minimizes over-travel, which reduces the chance of piston failure.

This valve can be installed in vertical or horizontal positions.

Working Pressure, Non Shock (PSI)

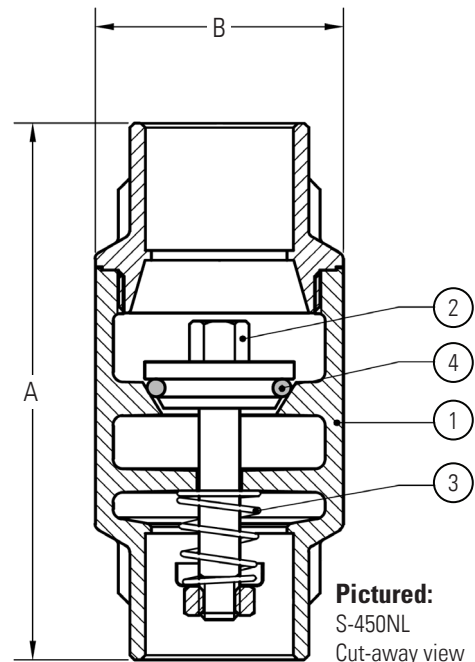
Cold working pressure (CWP): 200 psi
Saturated steam (WSP): Not suitable for steam service
Maximum service temperature: 250 °F



Pictured:
S-450NL

MATERIAL SPECIFICATION			
PART	MATERIAL	SPECIFICATION	
1	Body	Lead-free cast brass	UNS Alloy C46400
2	Piston assembly	Lead-free cast brass	UNS Alloy C46400
3	Spring	Stainless steel	AISI 304
4	O-ring	Buna-N (NBR) rubber	Commercial grade

DIMENSIONS - Inch			
Size	A	B	
1/2"	1.26	2.77	
3/4"	1.50	3.53	
1"	1.77	4.08	
1-1/4"	2.16	4.67	
1-1/2"	2.33	4.92	
2"	3.05	6.05	



Pictured:
S-450NL
Cut-away view

Certifications/Listings:

Third party certified.
NSF/ANSI 61: Drinking water system components - Health effects.
NSF/ANSI 372: Drinking water system components - Lead content.

Standards:

ANSI/ASME B16.18: Cast pressure alloy solder-joint pressure fitting.