



# National Fire Equipment Ltd.

## Model A140G Swing Check Valve



A140G

### Product Codes:

Series	Size	Type	Finishing
A140G	4" x 4"	NPT inlet (M) x Groove outlet	Rough brass
	4" x 4"	NPT inlet (M) x NPT outlet (F)	
	4" x 4"	Groove inlet x Groove outlet	

### Description:

Swing checks are a simple design using a disc attached to an arm that is hinged at the top of the valve. Reverse flow and gravity assist the valve in closing. Swing Check Valve is installed downstream from the Fire Department inlet connection.

### Technical Data:

- Rated pressure: 250 PSI (17,2 bar)

### Materials:

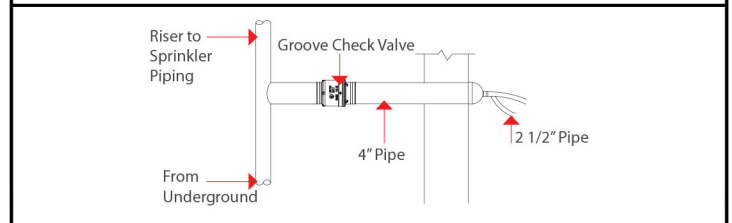
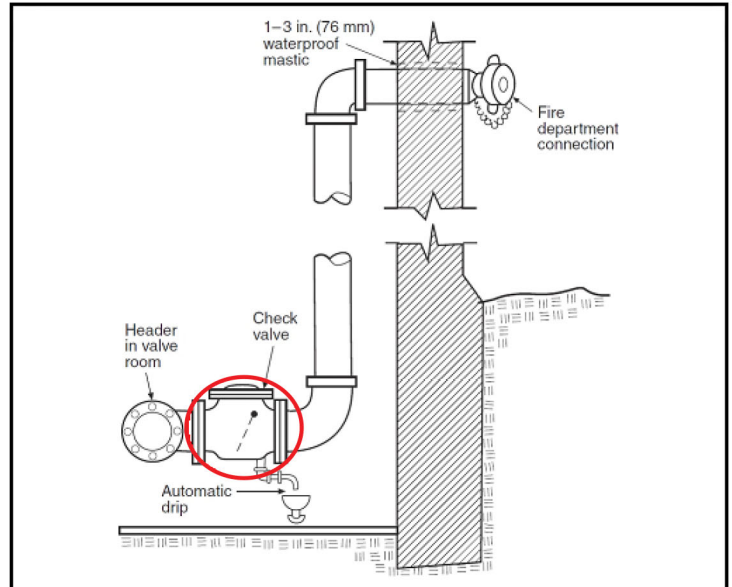
- Body and clapper: forged brass CuZn40Pb2 in accordance with European Standard EN 12165 CW617N, similar to American Standard ASTM B124 C37700
- Yield stress of the material in the shape of bar: 360 MPa
- Stress for permanent distortion R(0.2): 138 MPa
- Elongation: 10%

Approvals: A140G



### Applications:

The installation as show in the picture is required by NFPA 14, see figure below for a typical Fire Dept. connection for wet standpipes:



### Dimensions A140G:

Size	A	B	C
4" x 4"	5 23/64"	7 29/32"	3"

### Product Specifications:

A140G 4" NPT x 4" groove

Swing check valve used to allow flow in designated direction only and to

prevent the backflow with main feature as following:

- Forged brass body
- Forged brass clapper
- 4" male NPT inlet