

# Model 246 Series Swing Check Valve

SPECIFICATION SHEET

## Application

Designed to prevent backflow in horizontal piping systems. Swing check valves allow liquid to flow in a single direction.

## Features and Details

- Durable metal-to-metal seats
- Thermal expansion relief available in 25 or 50 PSI settings
- 200 PSI cold non-shock pressure limit
- **246DRF** has 150# raised face flange connections

## Materials of Construction

### 246A

- Body and cap... Brass
- Internal components... Brass
- Gasket... Nitrile composite
- Expansion relief valve... Brass and Viton®

### 246ADI & 246DRF

- Body and cap... ductile iron
- Internal components... ductile and stainless steel
- Gasket... Teflon®
- Expansion relief valve... Stainless steel and Viton®



246A



246ADI

246DRF



Item Number	A	B	C	D	E	F	G	H	Weight
246A--0100 AV	1½"	THD		BR	N/A	N/A	3⅞"	5½"	3.50
246A--0200 AV	2"	THD		BR	N/A	N/A	4⅝"	5⅜"	6.0
246A--0400 AV	3"	THD		BR	N/A	N/A	6½"	7¼"	13.20
246A--0500 AV	1½"	THD		BR	N/A	25	3⅞"	5½"	3.50
246A--0600 AV	2"	THD		BR	N/A	25	4⅝"	5⅜"	6.0
246A--0800 AV	3"	THD		BR	N/A	25	6½"	7¼"	13.20
246A--0900 AV	1½"	THD		BR	TEF	N/A	3⅞"	5½"	3.50
246A--2100 AV	1½"	THD		BR	N/A	50	3⅞"	5½"	3.50
246A--2200 AV	2"	THD		BR	N/A	50	4⅝"	5⅜"	6.0
246A--2400 AV	3"	THD		BR	N/A	50	6½"	7¼"	13.20
246ADI0150 AV	1½"	THD		DI	TEF	N/A			5.50
246ADI0200 AV	1½"	THD		DI	TEF	25			5.50
246ADI0250 AV	1½"	THD		DI	TEF	50			5.20
246ADI0500 AV	2"	THD		DI	TEF	N/A	4⅝"	5⅜"	5.50
246ADI0600 AV	3"	THD		DI	TEF	N/A	6½"	7¼"	12.50
246ADI0300 AV	2"	THD		DI	TEF	25	4⅝"	5⅜"	5.50
246ADI0400 AV	3"	THD		DI	TEF	25	6½"	7¼"	12.50
246ADI0900 AV	2"	THD		DI	TEF	50	4⅝"	5⅜"	5.20
246ADI0800 AV	3"	THD		DI	TEF	50	6½"	7¼"	12.50
246DRF0100 AV	3"	FL	4	DI	TEF	N/A	8⅞"	8⅝"	26.75
246DRF0200 AV	3"	FL	4	DI	TEF	25	8⅞"	8⅝"	26.75
246DRF0300 AV	3"	FL	4	DI	TEF	50	8⅞"	8⅝"	26.75
246DRF0400 AV	4"	FL	8	DI	TEF	N/A	11¾"	11½"	71.0
246DRF0500 AV	4"	FL	8	DI	TEF	25	11¾"	11½"	71.0

### SPECIFICATION OPTIONS:

- A**—Size (inches)
- B**—Threaded (THD), Flanged (FL)
- C**—Number of bolt holes
- D**—Brass (BR), Ductile iron (DI), Aluminum (AL)
- E**—Teflon (TEF)
- F**—Expansion relief setting (PSI)
- G**—Height of valve (inches)
- H**—Length of valve (inches) face to face
- Weight**—Shipping weight (lbs)

Flange gaskets, nuts, bolts and washer available.

3" 246DRF: 4 – ¾" Diameter holes on a 6.00" B.C.  
4" 246DRF: 8 – ¾" Diameter holes on a 7.5" B.C.