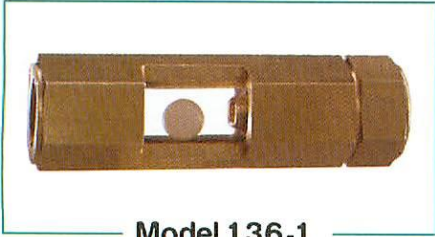


## Cylinder – Ball Action - Threaded



Model 136-1

- Model Brass Body**  
**136-1 Female Ends**  
**136-3 Male/Female Ends**

Can be supplied without the ball.

### Features

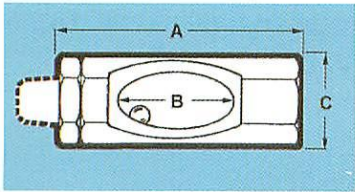
- ◆ Sizes 1/8" to 1" NPT
- ◆ Agitating Ball Indicator
- ◆ Double Window

### Ratings

- ◆ Temperature: 200°F

### Materials

- ◆ Body: Brass
- ◆ Glass: Borosilicate
- ◆ Seals: Buna-N
- ◆ Ball: White Nylon



Unit Size	Dimensions In Inches			PSIG @ 200F	Wt lbs
	A	B	C		
1/8	3-5/16	1-1/16	7/8	320	.5
1/4	3-9/16	1-1/16	7/8	320	.5
3/8	4-1/4	1-3/8	1-1/16	315	1
1/2	4-5/8	1-7/16	1-1/4	150	1
3/4	5-1/4	1-1/2	1-3/8	150	2
1	6-5/16	1-1/2	1-5/8	150	3

## Cylinder – Shielded - Threaded



Model 149-1

- Model Brass Body**  
**149-1 Female Ends**  
**149-2 Male Ends**  
**149-3 Male/Female Ends**

### Features

- ◆ Sizes 1/8" to 1-1/2" NPT
- ◆ Economical

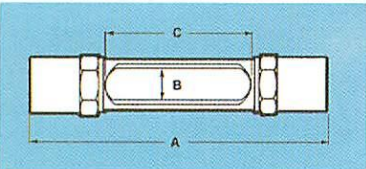
### Ratings

- ◆ 100 psig @ 250°F

### Materials

- ◆ Body: Brass
- ◆ Glass: Borosilicate
- ◆ Seals: Neoprene

Sizes 1/8 to 1/2 are single window.  
 Sizes 3/4 to 1-1/2 are double window.



Unit Size	Dimensions In Inches			Wt lbs.
	A	B	C	
1/8	3-5/16	1-1/16	7/8	.25
1/4	3-9/16	1-1/16	7/8	.25
3/8	4-1/4	1-3/8	1-1/16	.25
1/2	4-5/8	1-7/16	1-1/4	.50
3/4	5-1/4	1-1/2	1-3/8	.50
1	6-5/16	1-1/2	1-5/8	1.0
1-1/4	5-1/4	1-1/4	2-3/8	1.5
1-1/2	5-1/2	1-1/2	2-3/8	2.0

## Cylinder – Armoured - Threaded



Model 158

- Model Ends (Wetted)**  
**108 Carbon Steel**  
**128 Bronze**  
**158 316 Stainless Steel**

The body is a non-wetted part.  
 Only the ends are wetted metal.

### Features

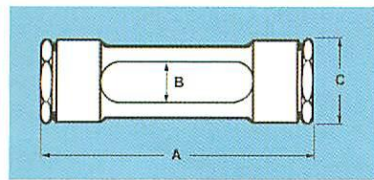
- ◆ Sizes 1/4" to 1-1/2" NPT
- ◆ Double Window

### Ratings

- ◆ 150 psig @ 300°F

### Materials

- ◆ Body: Bronze
- ◆ Glass: Borosilicate
- ◆ Seals: Neoprene



Unit Size	Dimensions In Inches			Wt lbs.
	A	B	C	
1/4	4-7/8	5/8	1-1/2	1
3/8	4-7/8	5/8	1-1/2	1
1/2	6	3/4	1-3/4	2
3/4	6-5/8	1	2	3
1	6-5/8	1	2	3
1-1/4	8-7/8	1-3/8	2-7/8	6
1-1/2	8-7/8	1-3/8	2-7/8	6