

# HUBBELL

## Power Systems

### PRC 89 Series Bushing - 34.5kV

By PCORE Electric  
 Catalog # [B-89311-70](#)

PRC® 34.5kV- 1200A Transformer-Circuit Breaker Bushing, Paper-Resin-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 16.50" Min. Oil Immersion Level



#### Features

- Resin-impregnated paper wound core with external porcelain insulator
- High creep upper porcelain, High seismic

#### General

Application	Transformer-Oil Circuit Breaker
Bottom Terminal Type	Threaded
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Oil
Material - Flange	Aluminum
Material - Insulation	Porcelain
Mounting Position	Vertical
Number of Flange Mounting Holes	4
Test Tap	Yes
Top Terminal Plating	Silver Plated
Top Terminal Type	Threaded
Type	Condenser Bushings

#### Dimensions

Above Flange Length	22.38 in
Below Flange Length	29.5 in
Diameter - Below Flange Maximum D > 1"	3.12 in.
Diameter - Below Flange Maximum P	3.38 in
Diameter - Bottom Terminal Outside	1 1/2-12
Diameter - Live Part Top	3.88 in
Diameter - Top Terminal Outside	1 1/2-12
Effective Length - Bottom Terminal	2.12 in
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	7.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	8.5 in
Length	51.88 in
Length - Ground Shield	16.50 in
Length - Live Part Top	4.06 in
Length - Minimum Oil Immersion Level	16.50 in
Sealing Surface Outside Diameter	6.25 in
Weight	74 lb

#### Electrical Ratings

BIL	200 kV
Current Rating	1200 A
Minimum Creepage	41 in
Minimum Strike kV Class	17 in 34.5 kV

## Certifications And Compliance

Industry Standard(s)

IEEE

## Product Assets

[Catalogs - PCORE® Capacitance-Graded Bushings, Test  
Terminals and Services](#)

[Installation Manuals - Instruction Manual for PRC® Bushings](#)

[Sales Drawings - 89311 and 70 Rev 09-18-08](#)



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