

# HUBBELL

## Power Systems

### PRC 85 Series Bushing - 72.5kV

By PCORE Electric  
 Catalog # [B-85503-70](#)

PRC® 72.5kV-400A Transformer Bushing, Paper-Resin-Capacitor Type, Rated per CSA C88.1, Draw-Lead Connected for Air-to-Oil Applications, 21.62" Min. Oil Immersion Level



\*Representative Image

#### Features

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

#### General

Application	Transformer
Bottom Terminal Type	Hole
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	6
Test Tap	Yes
Top Terminal Plating	Silver Plated
Top Terminal Type	Threaded
Type	Condenser Bushings

#### Dimensions

Above Flange Length	36.69 in
Below Flange Length	35.38 in
Diameter - Below Flange Maximum D <gt;/> 1"	4.00 in
Diameter - Below Flange Maximum P	4.50 in
Diameter - Live Part Top	4.50 in
Diameter - Top Terminal Outside	1 1/2-12
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	9.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	10.62 in
Length	72.06 in
Length - Drawlead Above Flange	33.00 in
Length - Ground Shield	21.62 in
Length - Live Part Top	5.62 in
Length - Minimum Oil Immersion Level	21.62 in
Sealing Surface Outside Diameter	8.25 in
Stud Inside Diameter	1 in
Weight	123 lb

#### Electrical Ratings

BIL	350 kV
Current Rating	400 A
Minimum Creepage	69.5 in
Minimum Strike	30 in
kV Class	72.5 kV

#### Certifications And Compliance

Industry Standard(s)	CSA
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#### Product Assets

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



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PCOR-B8550370-SPEC-EN | REV 6/2024