

## PRC 85 Series Bushing - 35kV

By PCORE Electric  
Catalog # B-85303-70

PRC® 35kV-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

### Application

Transformer

### General

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	4
Test Tap	Yes
Top Terminal Plating	Silver Plated
Top Terminal Type	Threaded
Type	Condenser Bushings

### Dimensions

Above Flange Length	23.94 in
Below Flange Length	30.12 in
Diameter - Below Flange Maximum D <gt/> 1"	3.12 in
Diameter - Below Flange Maximum P	3.38 in
Diameter - Live Part Top	3.88 in
Diameter - Top Terminal Outside	1 1/2-12
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	8.50 in
Length	54.06 in
Length - Drawlead Above Flange	20.25 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	6.25 in
Stud Inside Diameter	1.00 in
Weight	43 lb

### Electrical Ratings

BIL	200 kV
Current Rating	400 A
Minimum Creepage	41 in
Minimum Strike	17.00 in
kV Class	35 kV

### Certifications and Compliance

Industry Standard(s)	CSA
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### Product Assets

[Installation Manuals - Instruction Manual for PRC® Bushings \(B-303339 rev 07-14-20\)](#)  
[Sales Drawings - PRC Bushing \(85303\\_and\\_70\)](#)

### Related Products

[B-67077 AF - Oil Immersion Bushing \(125T\) Terminal](#)



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