

PRC™ Oil-Free Series Bushing - 34.5kV

By PCORE Electric
Catalog # [PRC200F1200C](#)

PRC® 34.5kV-1200A Transformer-Circuit Breaker Bushing, Oil-Free Paper-Resin-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 10.00" Min. Oil Immersion Level



*Representative Image

Application

Transformer-Oil Circuit Breaker

General

Bottom Terminal Type	Threaded
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Oil
Material - Flange	Aluminum
Material - Insulation	Porcelain
Mounting Position	Any
Number of Flange Mounting Holes	4
Number of Sheds	8
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	19.00 in
Diameter - Above Flange Maximum	8.00 in
Diameter - Below Flange Maximum D <gt/> 1"	3.12 in
Diameter - Below Flange Maximum P	3.38 in
Diameter - Bottom Terminal Outside	1 1/2-12
Diameter - Live Part Top	4.13 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	8.50 in
Length	41.38 in
Length - Ground Shield	10.00 in

Electrical Ratings

BIL	200 kV
Current Rating	1200 A
Minimum Creepage	41 in
Minimum Strike	16.00 in
kV Class	34.5 kV

Certifications and Compliance

Industry Standard(s)	IEEE
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Product Assets

[Installation Manuals - Instruction Manual for PRC® Bushings \(B-303339 rev 07-14-20\)](#)
[Literature - Oil-Free PRC Bushings - PCORE \(SF02024E\)](#)
[Sales Drawings - PRC Bushing Oil-Free \(PRC200_1200C\)](#)

Related Products

[B-63037-AF - Seismically Enhanced Test \(SET\) Terminal - 3000A](#)

Length - Ground Shield	10.00 in
Length - Live Part Top	5.06 in
Length - Minimum Oil Immersion Level	10.00 in
Sealing Surface Outside Diameter	6.25 in
Thickness - Flange Plate	0.75 in
Weight	76 lb



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