

HUBBELL

Power Systems

PRC™ Oil-Free Series Bushing - 34.5kV

By PCORE Electric
Catalog # [PRC200F0412A](#)

PRC® 34.5kV-400A/1200A Transformer-Circuit Breaker Bushing, Oil-Free Paper-Resin-Capacitor Type, Rated per IEEE C57.19.01, Draw-Lead/Bottom Connected for Air-to-Oil Applications, 21.00" Min. Oil Immersion Level



Features

- Oil free
- 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 w/ Hole
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	24.12 in
Below Flange Length	31.5 in
Diameter - Above Flange Maximum	8.00 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 - Conductor Outside Under Insulation	0.88 in
Diameter - Live Part Top	4.13 in
Diameter - Top Terminal Outside	1 1/2-12
Dimensions	55.63 in x 8.50 in x 55.63 in
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
Height	55.63 in
Length	55.63 in
Length - Drawlead Above Flange	20.25 in
Length - Ground Shield	21.00 in
Length - Live Part Top	6.81 in
Length - Minimum Oil Immersion Level	21.00 in
Sealing Surface Outside Diameter	6.25 in
Stud Inside Diameter	0.88 in
Thickness - Flange Plate	0.75 in
Thread Size - Drawlead Connector	3/4-12
Weight	70 lb
Width	8.5 in

Electrical Ratings

BIL	200 kV
Current Rating	400 A
	1200 A
Minimum Creepage	41 in
Minimum Strike	16 in
kV Class	34.5 kV

Certifications And Compliance

Industry Standard(s)	IEEE
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Product Assets

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

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

[Literature - Oil-Free PRC Bushings - PCORE](#)

[Sales Drawings - PRC Bushing Oil-Free](#)



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