

HUBBELL

Power Systems

POC 88 Series Bushing - 34.5kV

By PCORE Electric
 Catalog # [B-88822-70](#)

POC® 34.5kV-2000A Transformer-Circuit Breaker Bushing, Paper-Oil-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 16.50" Min. Oil Immersion Level



*Representative Image

Features

- Paper oil capacitor wound core with external porcelain insulator
- 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 in
Below Flange Length	28 in
Diameter - Below Flange Maximum D <gt;/> 1"	3.50 in
Diameter - Below Flange Maximum P	4.00 in
Diameter - Bottom Terminal Outside	1 1/2-12
Diameter - Live Part Top	7.25 in
Diameter - Top Terminal Outside	1 1/2-12
Effective Length - Bottom Terminal	2.12 in
Effective Length - Top Terminal	2.12 in
Flange Mounting Hole Bolt Circle	7.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	8.5 in
Length	50 in
Length - Ground Shield	16.50 in
Length - Live Part Top	5.12 in
Length - Minimum Oil Immersion Level	16.50 in
Sealing Surface Outside Diameter	6.25 in
Weight	98 lb

Electrical Ratings

BIL	200 kV
Current Rating	2000 A
Minimum Creepage	30 in
Minimum Strike	14 in
kV Class	34.5 kV

Certifications And Compliance

Industry Standard(s)	IEEE
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Product Assets

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



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