

POC 88 Series Bushing - 34.5kV

By PCORE Electric
Catalog # [B-88842-70](#)

POC® 34.5kV-4000A 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

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	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	23.75 in
Below Flange Length	29.00 in
Diameter - Below Flange Maximum D <gt;/> 1"	5.25 in
Diameter - Below Flange Maximum P	6.00 in
Diameter - Bottom Terminal Outside	3-12
Diameter - Live Part Top	9.25 in
Diameter - Top Terminal Outside	3-12
Effective Length - Bottom Terminal	3.00 in
Effective Length - Top Terminal	3.00 in
Flange Mounting Hole Bolt Circle	9.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	11.00 in
Length	52.75 in
Length - Ground Shield	16.50 in
Length - Live Part Top	6.25 in
Length - Minimum Oil Immersion Level	16.50 in
Sealing Surface Outside Diameter	8.25 in
Weight	147 lb

Electrical Ratings

BIL	200 kV
Current Rating	4000 A
Minimum Creepage	29.5 in
Minimum Strike	14.00 in
kV Class	34.5 kV

Certifications and Compliance

Industry Standard(s)	IEEE
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Product Assets

[Installation Manuals - Instruction Manual for POC® Bushings \(B-53744\)](#)
[Sales Drawings - POC Bushing \(88842_and_70\)](#)

Related Products



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PCOR-B-88842-70-SPEC-EN | REV 1/2024