

POC Series II Bushing - 345kV

By PCORE Electric
Catalog # [POC1175G4000S](#)



POC® 345kV-4000A Transformer-Circuit Breaker Bushing,
Paper-Oil-Capacitor Type, Rated per IEEE C57.19.01, Bottom
Connected for Air-to-Oil Applications, 23.00" Min. Oil Immersion
Level

Features

- Paper oil capacitor wound core with external porcelain insulator
- High creep upper porcelain, High seismic

Application

Transformer-Oil Circuit Breaker

General

Catalog Number	POC1175G4000S
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	12
Test Tap	Yes
Top Terminal Plating	Silver Plated
Top Terminal Type	Threaded
Type	Condenser Bushings

Dimensions

Above Flange Length	138.75 in
Below Flange Length	51 in
Diameter - Below Flange	12.50 in
Maximum D <gt; 1"	
Diameter - Below Flange	12.50 in
Maximum P	
Diameter - Bottom Terminal Bolt Circle	6.75 in

Diameter - Bottom Terminal Bolt Holes	1/2-13
Diameter - Bottom Terminal Outside	8.25 in
Diameter - Live Part Top	14.00 in
Diameter - Top Terminal Outside	3-12
Effective Length - Top Terminal	3.00 in
Flange Mounting Hole Bolt Circle	21 in
Flange Mounting Hole Diameter	1.25 in
Flange Outside Diameter	23 in
Length	189.75 in
Length - Ground Shield	23.00 in
Length - Live Part Top	17.69 in
Length - Minimum Oil	23.00 in
Immersion Level	
Sealing Surface Outside Diameter	19.62 in
Weight	1423 lb

Electrical Ratings

BIL	1175 kV
Current Rating	4000 A
Minimum Creepage	345 in
Minimum Strike	115 in
kV Class	345 kV

Certifications And Compliance

Industry Standard(s)	IEEE
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Product Assets

[Installation Manuals - Instruction Manual for POC® Bushings](#)
[Sales Drawings - Transformer- Breaker Interchangeable](#)
[Specifications - POC1175G4000S](#)