

POC Series II Bushing - 345kV

By PCORE Electric
Catalog # [POC1175G0800S](#)

POC® 345kV-800A Transformer Bushing, Paper-Oil-Capacitor Type, Rated per IEEE C57.19.01, Draw-lead 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

General

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	139.38 in
Below Flange Length	51.00 in
Diameter - Below Flange Maximum D <gt;/> 1"	12.50 in
Diameter - Below Flange Maximum P	12.50 in
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	1 1/2-12
Effective Length - Top Terminal	2.00 in
Flange Mounting Hole Bolt Circle	21.00 in
Flange Mounting Hole Diameter	1.25 in
Flange Outside Diameter	23.00 in
Length	190.38 in
Length - Drawlead Above Flange	135.00 in
Length - Ground Shield	23.00 in
Length - Live Part Top	18.31 in
Length - Minimum Oil Immersion Level	23.00 in
Sealing Surface Outside Diameter	19.62 in
Stud Inside Diameter	2.00 in
Weight	1250 lb

Electrical Ratings

BIL	1175 kV
Current Rating	800 A
Minimum Creepage	345 in
Minimum Strike kV Class	115.00 in 345 kV

Certifications and Compliance

Industry Standard(s)	IEEE
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Product Assets

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

Installation Manuals - Instruction Manual for POC® Bushings
(B-53744)
Sales Drawings - Transformer- Breaker Interchangeable
(POC1175_0800S)

Related Products

B-63037-AF-E - Seismically Enhanced Test (SET) Terminal -
3000A



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