

PRC™ Oil-Free Series Bushing - 46kV

By PCORE Electric
Catalog # [PRC250F0400B](#)



PRC® 46kV-400A Transformer Bushing, Oil-Free Paper-Resin-Capacitor Type, Rated per IEEE C57.19.01, Draw-Lead Connected for Air-to-Oil Applications, 16.50" Min. Oil Immersion Level

Features

- Oil free
- Resin-impregnated paper wound core with external porcelain insulator
- High creep upper porcelain, High seismic

Application

Transformer

General

Bottom Terminal Type	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	9
Test Tap	Yes
Top Terminal Plating	Silver Plated
Top Terminal Type	Threaded
Type	Condenser Bushings

Dimensions

Above Flange Length	28.62 in
Below Flange Length	27.00 in
Diameter - Above Flange Maximum	9.25 in
Diameter - Below Flange Maximum D <gt;/> 1"	3.12 in
Diameter - Below Flange Maximum P	4.50 in
Diameter - Conductor Outside Under Insulation	1.00 in
Diameter - Live Part Top	4.75 in
Diameter - Top Terminal Outside	1 1/8-12
Dimensions	55.63 in x 8.50 in x 55.63 in
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	8.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	10.62 in
Height	55.63 in
Length	55.63 in
Length - Drawlead Above Flange	24.75 in
Length - Ground Shield	16.50 in
Length - Live Part Top	6.81 in
Length - Minimum Oil Immersion Level	16.50 in
Sealing Surface Outside Diameter	7.25 in
Stud Inside Diameter	1.00 in
Thickness - Flange Plate	0.75 in
Thread Size - Drawlead Connector	3/4-12
Weight	80 lb
Width	8.50 in

Electrical Ratings

BIL	250 kV
Current Rating	400 A
Minimum Creepage	49 in
Minimum Strike kV Class	20.00 in 46 kV

Certifications and Compliance

Industry Standard(s)

IEEE

Product Assets

Catalogs - PCORE® Capacitance-Graded Bushings, Test Terminals and Services (CA02038E)

Installation Manuals - Instruction Manual for PRC® Bushings (B-303339 rev 07-14-20)

Literature - Oil-Free PRC Bushings - PCORE (SF02024E)

Sales Drawings - PRC Bushing Oil-Free (PRC250_0400B)

Related Products

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



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