

PRC 85 Series Bushing - 50kV

By PCORE Electric
Catalog # [B-85403-70](#)

PRC® 50kV-400A Transformer Bushing, Paper-Resin-Capacitor Type, Rated per CSA C88.1, Draw-Lead Connected for Air-to-Oil Applications, 21.62" Min. Oil Immersion Level



*Representative Image

Features

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

Application

Transformer

General

Bottom Terminal Type	Hole
Catalog Number	B-85403-70
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	28.44 in
Below Flange Length	32.12 in
Diameter - Below Flange	4.00 in
Maximum D <gt;/> 1"	
Diameter - Below Flange	4.50 in
Maximum P	
Diameter - Live Part Top	4.50 in

Diameter - Top Terminal Outside	1 1/2-12
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
Length	60.56 in
Length - Drawlead Above Flange	24.75 in
Length - Ground Shield	21.62 in
Length - Live Part Top	5.62 in
Length - Minimum Oil Immersion Level	21.62 in
Sealing Surface Outside Diameter	7.25 in
Stud Inside Diameter	1 in
Weight	104 lb

Electrical Ratings

BIL	250 kV
Current Rating	400 A
Minimum Creepage	49 in
Minimum Strike	22 in
kV Class	50 kV

Certifications And Compliance

Industry Standard(s)	CSA
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Product Assets

[Installation Manuals - Instruction Manual for PRC® Bushings](#)
[Sales Drawings - PRC Bushing](#)
[Specifications - B8540370](#)