

PRC™ Oil-Free Series Bushing - 46kV

By PCORE Electric
Catalog # [PRC250F1200B](#)

PRC® 46kV-1200A Transformer-Circuit Breaker Bushing, Oil-Free Paper-Resin-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 16.50" Min. Oil Immersion Level



*Representative Image

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 | 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 | 26.88 in |
| Below Flange Length | 31.50 in |
| Diameter - Above Flange Maximum | 9.25 in |
| Diameter - Below Flange Maximum D <gt/> 1" | 4.00 in |
| Diameter - Below Flange Maximum P | 4.50 in |
| Diameter - Bottom Terminal Outside | 1 1/2-12 |
| Diameter - Live Part Top | 4.75 in |
| Diameter - Top Terminal Outside | 1 1/2-12 |
| Effective Length - Bottom Terminal | 2.12 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 |
| Length | 58.38 in |
| Length - Ground Shield | 16.50 in |

Electrical Ratings

| | |
|------------------|----------|
| BIL | 250 kV |
| Current Rating | 1200 A |
| Minimum Creepage | 49 in |
| Minimum Strike | 20.00 in |
| kV Class | 46 kV |

Certifications and Compliance

| | |
|----------------------|------|
| Industry Standard(s) | IEEE |
|----------------------|------|

Product Assets

[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 \(PRC250_1200B\)](#)

Related Products

[B-63037-AF - Seismically Enhanced Test \(SET\) Terminal - 3000A](#)

| | |
|--------------------------------------|----------|
| Length - Ground Shield | 10.50 in |
| Length - Live Part Top | 5.06 in |
| Length - Minimum Oil Immersion Level | 16.50 in |
| Sealing Surface Outside Diameter | 7.25 in |
| Thickness - Flange Plate | 0.75 in |
| Weight | 106 lb |



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