

PRC 86 Series Bushing - 145kV

By PCORE Electric
Catalog # B-86210-70

POC® 145kV-1200A Transformer-Circuit Breaker Bushing, Paper-Resin-Capacitor Type, Rated per CSA C88.1, Bottom Connected for Air-to-Oil Applications, 23.62" Min. Oil Immersion Level



*Representative Image

Features

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

Application

Transformer-Oil Circuit Breaker

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	8
Test Tap	Yes
Top Terminal Plating	Silver Plated
Top Terminal Type	Threaded
Type	Condenser Bushings

Dimensions

Above Flange Length	71 in
Below Flange Length	44.00 in
Diameter - Below Flange Maximum D <gt/> 1"	8.75 in
Diameter - Below Flange Maximum P	8.75 in
Diameter - Bottom Terminal Bolt Circle	5.00 in
Diameter - Bottom Terminal Bolt Holes	M12 x 1.75 in
Diameter - Bottom Terminal Outside	6.50 in
Diameter - Live Part Top	9.25 in
Diameter - Top Terminal Outside	1 1/2-12
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	15.00 in
Flange Mounting Hole Diameter	1.00 in
Flange Outside Diameter	16.50 in
Length	115.00 in
Length - Ground Shield	23.62 in
Length - Live Part Top	8.56 in
Length - Minimum Oil Immersion Level	23.62 in
Sealing Surface Outside Diameter	13.88 in
Stud Inside Diameter	1.62 in
Weight	525 lb

Electrical Ratings

BIL	650 kV
Current Rating	1200 A
Minimum Creepage	119.5 in
Minimum Strike kV Class	56.00 in 145 kV

Certifications and Compliance

Industry Standard(s)	CSA
----------------------	-----

Product Assets

[Installation Manuals - Instruction Manual for POC® Bushings \(B-53741\)](#)

Related Products

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



A proud member of the Hubbell Family.