



## OUTDOOR STANDOFF INSULATOR

BBI 305 SB / 380 SB – Square Base

Up to 36kV



### Application

For use in **outdoor** standoff installations. i.e outdoor air break switches, busbars installation or general post applications.

### Design

EMC Pacific BBI series square base moulded solid core outdoor PH-CEP\* hydrophobic cycloaliphatic epoxy resin post insulator, based on a high creepage alternating shed diameter design.

### Standards

EMC Pacific post insulators meet the Polymeric Resin Insulator requirements of IEC & AS 62217 and the relevant requirements of AS 4398 and IEC 60168.

### Quality

Each insulator is put through stringent quality assurance in line with the EMC Pacific ISO9001 Quality Management System.

### Ordering instructions

Insulators are supplied as standard with either of the following brass insert options:

- M10 ■ M12 ■ 1/2"UNC

Please specify insert selection with order.

Manufactured in Australia by EMC Pacific Pty Ltd, Dandenong, Victoria.

Specification and product design are subject to change without notice. All information is accurate at time of printing.

### Specification

\*Permanent Hydrophobic Cycloaliphatic Epoxy Resin (patent applied)

Product No	BBI 305	BBI 380
Highest Voltage for Equipment (kV)	36 kV	36 kV
Impulse Withstand Voltage (kV)	182 kV	223 kV
Dry Power Frequency Withstand Voltage (kV)	95 kV	120kV
Wet Power Frequency Withstand Voltage (kV)	80 kV	110 kV
Height (mm)	305 mm	380 mm
Dry Arc Distance	320 mm	391 mm
Creepage	1055 mm	1463 mm
Minimum Cantilever Failing Load	4 kN	4 kN
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Maximum Recommended Torque	400 Nm	450 Nm
Insulator Height	305 mm	380 mm
Maximum Shed Diameter	135 mm	135 mm
Base Dimension	75 x 40 mm	75 x 40 mm
Bolt Circle	40 mm	40 mm
Weight (kg)	3.3 kg	4.0 kg
Pollution Level at: 24kV	43.9mm/kV – V/Heavy	60.9mm/kV – V/Heavy
36kV	29.3mm/kV - Heavy	40.6mm/kV – V/Heavy