

MPS Catalog Number:

S2 40 80 034 VA SS 021

Date:

02/24/2014

**END FITTINGS**

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8/11)

**MATERIAL**

Corona Ring (Tower):

None

Corona Ring (Line):

8" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

21 standard

Rod Diameter:

24 mm

Weight Estimate:

18 lbs

8.2 kg

**DIMENSIONAL VALUES**

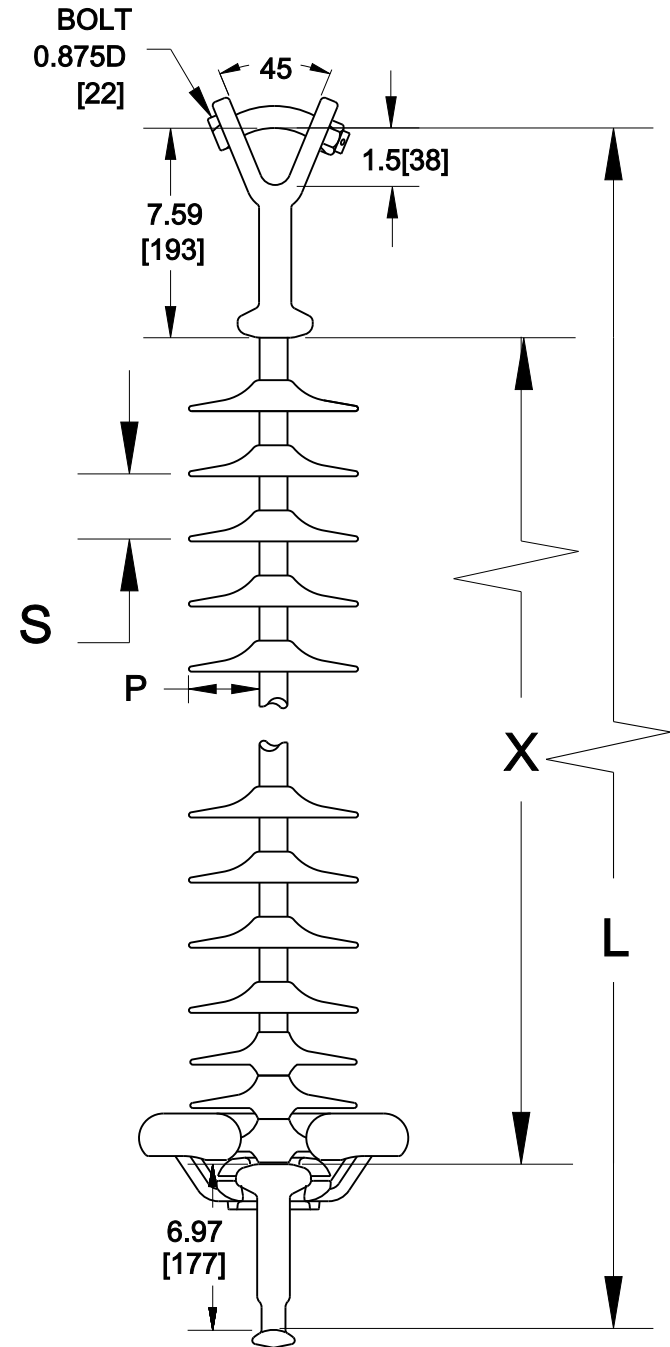
Section Length (L):	48.6 in	1,234 mm
Rubber Length (X):	34 in	864 mm
Standard Shed Height (P):	2.1 in	54 mm
Shed Spacing (S):	1.59 in	40 mm
Dry Arc Distance:	34.2 in	869 mm
Leakage Distance:	114.2 in	2,901 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:	340 kV	Min. Withstand:	316 kV
60 Hz Wet Flashover:	307 kV	Min. Withstand:	267 kV
Pos. Critical Impulse Flashover:	589 kV	Min. Withstand:	507 kV
Neg. Critical Impulse Flashover:	629 kV	Min. Withstand:	538 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):	50,000 lbs	222.4 kN
Routine Test Load (RTL):	25,000 lbs	111.2 kN



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Dimensions: inches [millimeters]

Note: Drawing not actual depiction of insulator appearance

Silicone Rubber Sheath & Sheds  
Complies with applicable ANSI and IEC standards.