

MPS Catalog Number:

S2 40 80 046 VX SS 025

Date:

02/20/2014

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8/11)

MATERIAL

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

25 standard

Rod Diameter:

24 mm

Weight Estimate:

18 lbs

8.2 kg

DIMENSIONAL VALUES

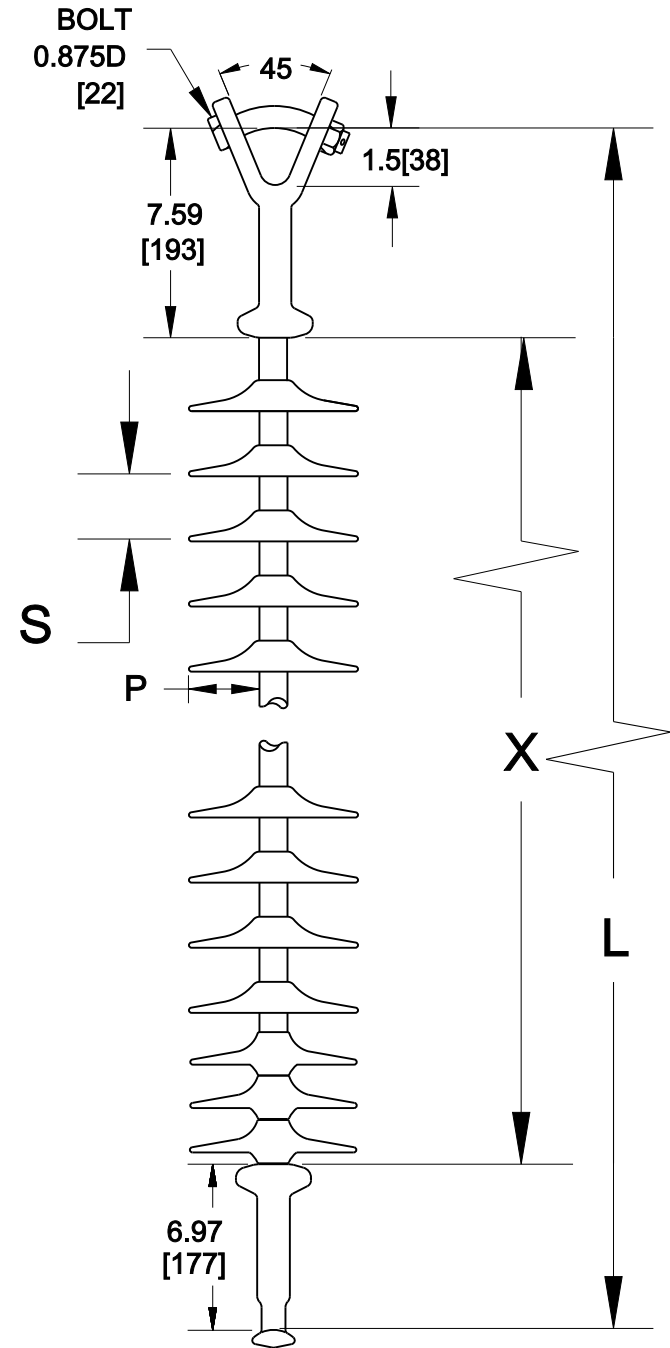
Section Length (L):	60.6 in	1,539 mm
Rubber Length (X):	46 in	1,168 mm
Standard Shed Height (P):	2.1 in	54 mm
Shed Spacing (S):	1.86 in	47 mm
Dry Arc Distance:	49.7 in	1,262 mm
Leakage Distance:	141.7 in	3,599 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:	488 kV	Min. Withstand:	450 kV
60 Hz Wet Flashover:	435 kV	Min. Withstand:	379 kV
Pos. Critical Impulse Flashover:	834 kV	Min. Withstand:	725 kV
Neg. Critical Impulse Flashover:	882 kV	Min. Withstand:	756 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.