

MPS Catalog Number:

S2 40 80 052 VX SS 016

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:

16 standard

Rod Diameter:

24 mm

Weight Estimate:

15.6 lbs

7.1 kg

DIMENSIONAL VALUES

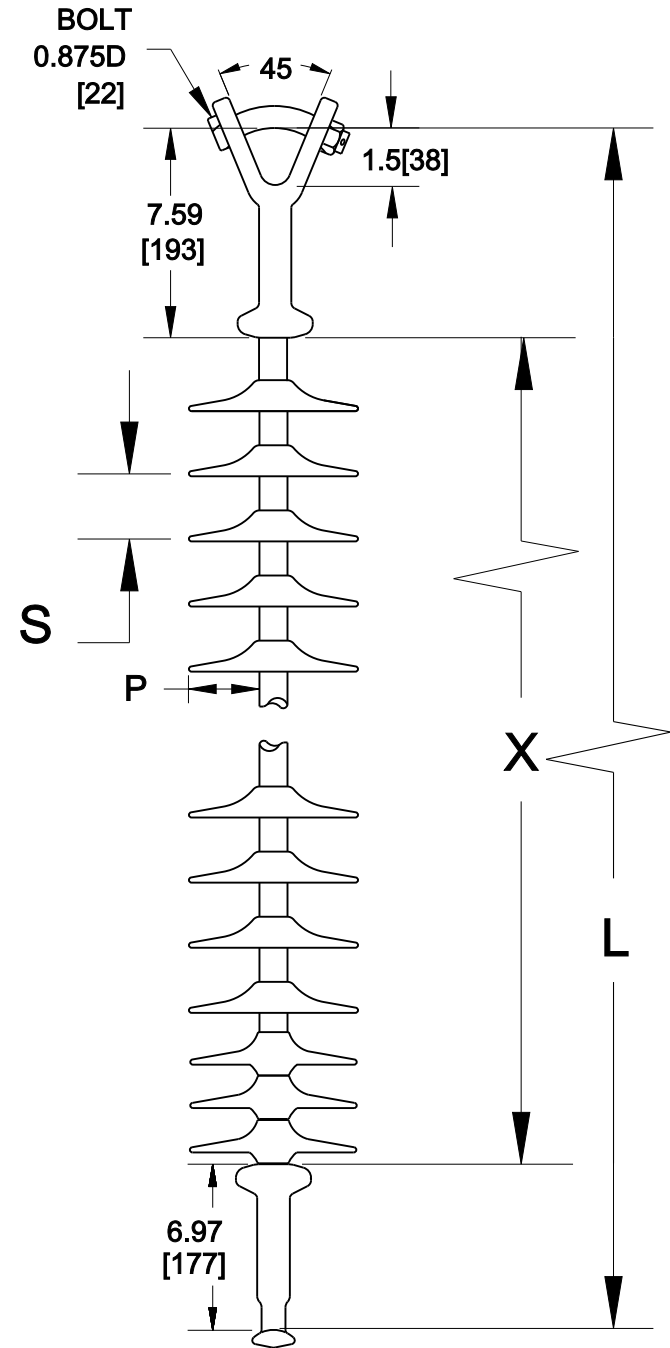
Section Length (L):	66.6 in	1,692 mm
Rubber Length (X):	52 in	1,321 mm
Standard Shed Height (P):	2.1 in	54 mm
Shed Spacing (S):	3.75 in	95 mm
Dry Arc Distance:	55.7 in	1,415 mm
Leakage Distance:	112.8 in	2,865 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:	545 kV	Min. Withstand:	501 kV
60 Hz Wet Flashover:	483 kV	Min. Withstand:	420 kV
Pos. Critical Impulse Flashover:	926 kV	Min. Withstand:	810 kV
Neg. Critical Impulse Flashover:	978 kV	Min. Withstand:	840 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.