

MPS Catalog Number:

S5 40 80 048 VX SS 031

Date:

09/05/2013

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-5)

MATERIAL

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

31 standard

Rod Diameter:

16 mm

Weight Estimate:

19 lbs

8.6 kg

DIMENSIONAL VALUES

Section Length (L):	59.2 in	1,504 mm
Rubber Length (X):	48 in	1,208 mm
Standard Shed Height (P):	2.1 in	54 mm
Shed Spacing (S):	1.5 in	38 mm
Dry Arc Distance:	51.2 in	1,300 mm
Leakage Distance:	166.6 in	4,232 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:	502 kV	Min. Withstand:	463 kV
60 Hz Wet Flashover:	447 kV	Min. Withstand:	389 kV
Pos. Critical Impulse Flashover:	857 kV	Min. Withstand:	746 kV
Neg. Critical Impulse Flashover:	906 kV	Min. Withstand:	777 kV

MECHANICAL VALUES

Specified Mech. Load (SML):	30,000 lbs	133.4 kN
Routine Test Load (RTL):	15,000 lbs	66.7 kN

