

MPS Catalog Number:

S5 40 80 132 VB SS 041

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):

12" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

41 standard

Rod Diameter:

16 mm

Weight Estimate:

24.9 lbs

11.3 kg

**DIMENSIONAL VALUES**

Section Length (L):	143.2 in	3,637 mm
Rubber Length (X):	132 in	3,342 mm
Standard Shed Height (P):	2.1 in	54 mm
Shed Spacing (S):	3.37 in	86 mm
Dry Arc Distance:	131.7 in	3,345 mm
Leakage Distance:	289.4 in	7,351 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:	1,199 kV	Min. Withstand:	1,100 kV
60 Hz Wet Flashover:	1,032 kV	Min. Withstand:	861 kV
Pos. Critical Impulse Flashover:	2,043 kV	Min. Withstand:	1,827 kV
Neg. Critical Impulse Flashover:	2,111 kV	Min. Withstand:	1,889 kV

**MECHANICAL VALUES**

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

