



ELECTRICAL PROPERTIES

1. Rated Voltage	23kV
2. Critical Impulse Flashover Voltage (Pos. +)	170kV
3. Low Frequency Withstand Voltage (wet)	60kV
4. Impulse Withstand Voltage (BIL)	150kV
5. Radio Influence Voltage Data	
Test Voltage to Ground	15kV
Max. RIV at 1000kHz	100µV

PHYSICAL PROPERTIES

1. Dry Arc Distance	12.9" (327mm)
2. Min Creepage Distance	32.2" (817mm)
3. Shed spacing	1.18" (30mm)
4. Weight	12lbs (5.5kg)

MECHANICAL PROPERTIES

1. Specified Cantilever Load (SCL)	2000lbs (8.9kN)
2. Specified Mechanical Tensile Load (SML)	16000lbs (71kN)
3. Specified Torsion Load (SToI)	12000in. lbs (1.4kN.m)
4. Specified Compression Load (SCoI)	10000lbs (44kN)
5. Deflection at 800Lbs (3.6kN) cantilever strength	0.2" (4mm)

According to Standard: ANSI C29.9

3	Core rod	Glass fiber reinforced epoxy resin	1	
2	Weather sheds	Silicone rubber	1	Color: Grey
1.4	Flange	Galvanized steel	2	
ITEM NO	DESCRIPTION	MATERIALS	QTY	REMARK



Title Post Type insulator Polymer TR208	Drawing No. VP080150SG3	
	REV 0	Approved S.N.04/16/21

VANGUARD ELECTRIC ,LLC