

**ELECTRICAL PROPERTIES**  
 Low Frequency Flashover Voltage  
 Wet: 380kV; Dry: 485kV  
 Critical Impulse Flashover Voltage  
 Pos.: 810kV; Neg.: 1020kV  
 Low Frequency Withstand Voltage  
 Wet: 315kV; Dry: 385kV  
 Impulse Withstand Voltage: 750kV  
 Radio Influence Voltage Data:  
 Test Voltage to Ground: 103kV;  
 Maximum RIV at 1000kHz: 500µV


**PHYSICAL PROPERTIES**  
 Creepage Distance: 3353mm(132in)  
 Net weight: 76.5Kg(168.6lbs.)

**MECHANICAL PROPERTIES**  
 Cantilever Strength Upright/Underhung: 5.4kN(1200lbs.)  
 Tension Strength: 88.9kN(20000lbs.)  
 Torsion Strength: 4520N-m(40000in-lbs.)  
 Compression Strength: 266.8kN(60000lbs.)

According to Standard Specification:  
 ANSI C 29.9 except drawing

**NOTES:**

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF TR291.

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		<b>TITLE</b> <b>SOLID CORE STATION POST INSULATOR</b>			
REV DATE	02/03/16	SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
		S	--	PSP2913001	2
DO NOT SCALE THIS DRAWING		DRN BY	RVK	DATE	07/01/15
				SHEET 1 OF 1	