

4 Holes 5/8"-11UNC( 0.015"Oversize)  
X0.866" deep on 5" PCD

## TECHNICAL PARTICULARS

### MECHANICAL VALUES

Bending strength	lb	1000	kN	4.45
Compression strength	lb	75000	kN	333.6
Tensile strength	lb	25000	kN	111.2
Torsional strength	in lb	90000	kNm	10.17

### ELECTRICAL VALUES

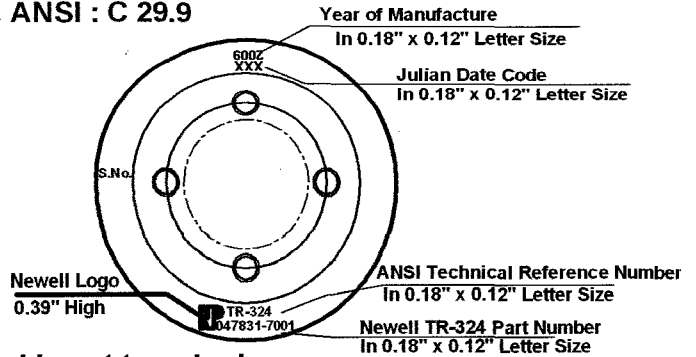
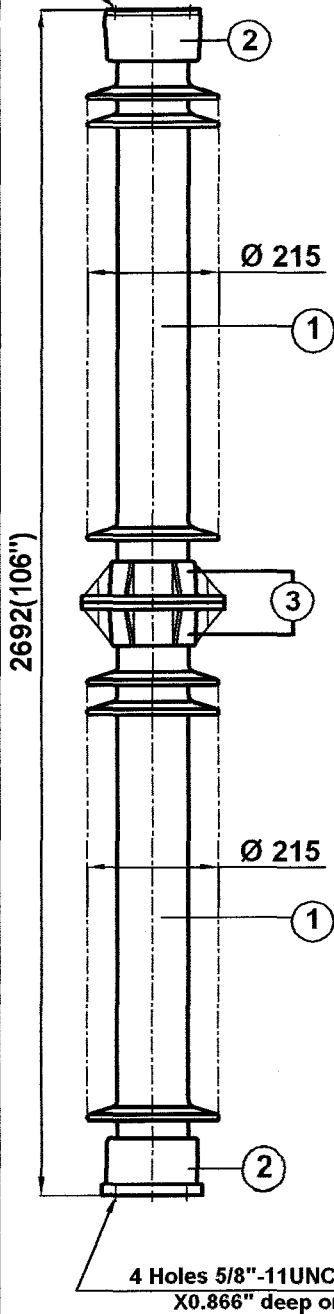
Dry power frequency withstand voltage	kV	585		
Wet power frequency withstand voltage	kV	525		
Dry power frequency flashover voltage	kV	615		
Wet power frequency flashover voltage	kV	555		
Lightning impulse withstand voltage	kVp	1300		
Impulse flash over voltage	kVp	1410		
Min. nominal creepage distance	inch	231	mm	5868
Shed profile as per IEC : 60815				

### RADIO INFLUENCE VOLTAGE DATA

Test voltage to ground	kV	220
Max. RIV at 1000 kHz	µV	1000

### NOTE: -

Test & tolerance as per IS :2544 , 5350 & IEC :60168 ,  
60273 & ANSI : C 29.9



### Marking at top shed

2 & 3	Caps & Flange	MCI / SGI	Hot dip galv .
1	Insulator body	Al. porcelain	Grey glazed
S.No.	DESCRIPTION	MATERIAL	REMARKS
Title <b>SOLID CORE POST INSULATOR</b> ( BIL - 1300 kV )		Scale N.T.S.	Matl. See table
Ref. TR : 324		Drawn Prashant Gaur	Checked KR JC
All dimension are in mm.		Approved KMR	Date 30-01-2001
<b>NEWELL PSN LLC</b>		Drg. No.	Rev.
		<b>212- C - 731</b>	<b>0</b>