TECHNICAL PARTICULARS

MECHANICAL VALUES

Bending strength (Upright)  lb 1000 kN 4.45
Compression strength  lb 60000 kN 267
Tensile strength  lb 20000 kN 89
Torsional strength  inch-lb 60000 kNm 6.78

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. creepage distance  inch 231 mm 5868
Net Weight ( approx.)  kgs 143

Shed profile as per IEC : 60815

RIV DATA

Test voltage to ground  kv 220
Max. RIV Microvolts at 1000 kHz  μv 1000

NOTE: -

Test & tolerance as per IS :2544 , 5350 & IEC :60168 , IEC :273 & ANSI :C29.9

3, 4, 5 & 6  Caps & flanges
1, 2  Insulator body

S.No. DESCRIPTION MATERIAL

Title STATION POST INSULATOR (BIL-1300 kv)

Scale N.T.S. Matl. See table

Ref. Kirti Nambiar

Checked S.K.dixit

Approved KR JC

All dimension are in mm./inch

Date 03-09-2010

Drg. No. 212 - C - 1916

Rev. -1 on dt. - 24-10-2015

Design modified