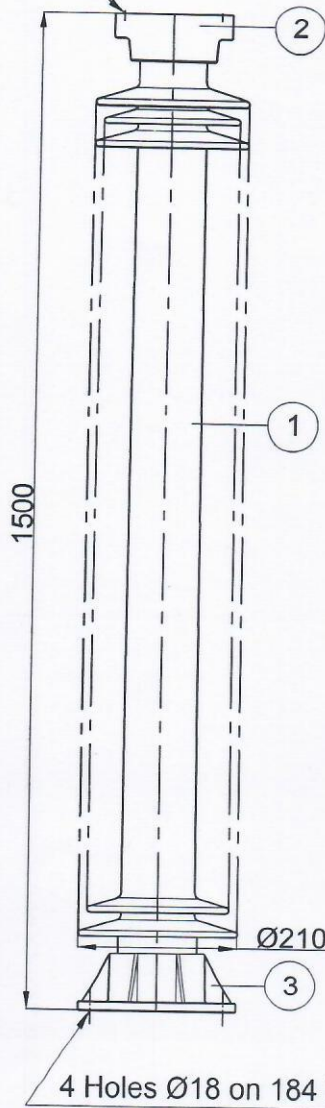


4 Holes M16 X 22 deep
on 127 PCD



TECHNICAL PARTICULARS

MECHANICAL VALUES

Bending strength (Upright)	kN	6
Compression strength	kN	270
Tensile strength	kN	80
Torsional strength	kNm	4.6

ELECTRICAL VALUES

Dry power frequency withstand voltage	kV	305 375
Wet power frequency withstand voltage	kV	275 310
Dry power frequency flashover voltage	kV	320 410
Wet power frequency flash over voltage	kV	290 340
Lightning impulse withstand voltage	kVp	650
Impulse flashover voltage	kVp	675 750
Minimum nominal creepage distance	mm	3625 3700
Visible discharge voltage	kV	> 105

NOTE :-

Test & tolerance as per IEC : 60168 ,60273

Max RIV at 1MHz μ V

< 500

Short Circuit Current

31.5 kA

BIL kv (Peak)

650 kv

Electricity Sub Station Design Circle
UPPTCL, 13th Floor, Shakti Bhawan Lko.

DRAWING APPROVED

AE

EE

SE

2. & 3	Cap & Flange	SGI	Hot Dip Galvanized
1.	Insulator body	Porcelain	Brown Glazed
S. No.	DESCRIPTION	MATERIAL	REMARKS
Title		Scale	Matl .
145 kV		N.T.S.	See table
SOLIDCORE POST INSULATOR			
(C6 - 650)			
Ref.	UPPTCL , LUCKNOW	Drawn	K. G. Sharma
	ESD - 545	Checked	APN
		Approved	APN
All dimensions are in mm.		Date	14-07-1986
		Drg. No.	Rev .
		211 - C - 113	6