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PORCELAIN INSULATOR

Spool Insulator

Spool insulator: spool insulator is an insulator of generally cylindrical form. It has an axial mounting hole and a circumferential groove or grooves for the attachment of a conductor.

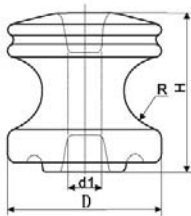


Fig 1

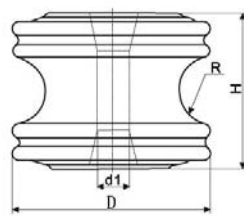


Fig 2

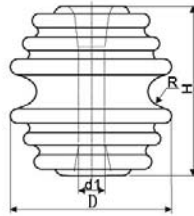


Fig 3

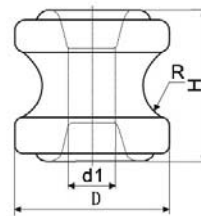


Fig 4

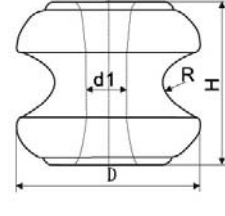


Fig 5

Type	Fig No.	Main dimensions (mm)				Strength (kN)	Low frequency flashover voltage (KV)			standard
							Dry	Wet		
		H	D	d ₁	R			vertical	horizontal	
53-1	1	54	57	17.5	11	8.9	20	8	10	ANSI
53-2	1	76	80	17.5	17.5	13.3	25	12	15	
53-3	2	81	76	17.5	11	17.8	25	12	15	
53-4	1	76	105	17.5	16	20	25	25	15	
53-5	3	105	102	17.5	11	27	35	18	25	
R-1	4	54	57	17	12	9	20	8	9.2	AS
R-2	4	76	80	17.5	17.5	20.1	15	66	9	
R-8	4	32	57.5	17.5	9	5	20	9	12.5	
1617	5	65	76	17.5	9	9.2	20	10	9	BS
1617-1	5	75	89	17	12.5	10.2	25	12	12	