

## Overview

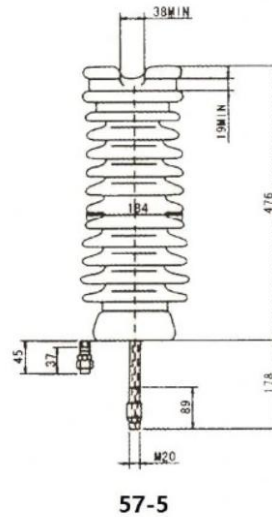
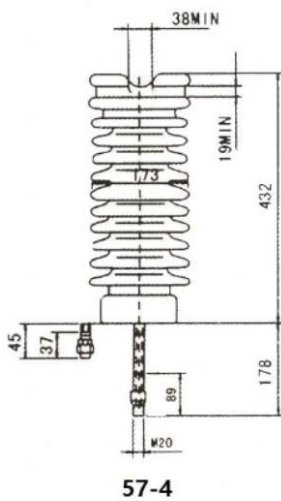
Outdoor solid rod porcelain post insulators are used in power frequency AC voltage 10-500kV outdoor power stations, substation distribution devices and electrical equipment for insulation and support of live parts.

The applicable environment of insulators is  $-40 \sim +40$ , and some products can be used in areas with an altitude of 4000m. The products are divided into two categories: ordinary shape and pollution resistance. The pollution resistance can be applied to medium, heavy and extra heavy pollution areas.

Porcelain Post Insulators are essential to the safe and stable distribution of electricity generated at power plants. The station post (SP) insulators found in power handling equipment at power plants and substations support electric cables and other equipment, isolating them from the ground.

Characteristic:

1. The insulator has high mechanical strength, low dispersion and safe and reliable operation.
2. The insulator has good low-temperature mechanical performance.
3. Excellent pollution resistance.
4. High earthquake resistance level.
5. Low radio interference.



**Specifications:**

ANSI Class		57-1	57-2	57-3	57-4	57-5
Creepage distance,mm		356	559	737	1015	1145
Dry arching distance		165	241	311	368	438
Cantilever Strength,Kn		12.5	12.5	12.5	12.5	12.5
Lower Frequency Flashover Voltage	Dry,kv	80	110	125	150	175
	Wet,kv	60	85	100	125	150
Critical Impulse Flashover Voltage	Pos.,kv	130	180	210	255	290
	Neg.,kv	155	205	260	340	380
RIV Data	Test volt. To ground,kv	15	22	30	44	44
	Max RIV at 1000 KHz,Uv	100	100	200	200	200