Railway Insulators

A reliable Rail network requires reliable insulators at the heart; the HTV Silicone Rubber Railway Insulator meets this requirement and can work better under severe conditions comparing traditional glass or porcelain railway insulators. WINNING® Railway insulators are molded onto high strength epoxy E-CR core rods, juncture between end fitting and core is totally embedded in HTV silicon rubber, eliminating conventional and traditional sealing defects. (The other railway insulator type is also available that use RTV Silicone Rubber to seal the juncture between end fitting and core rod.)

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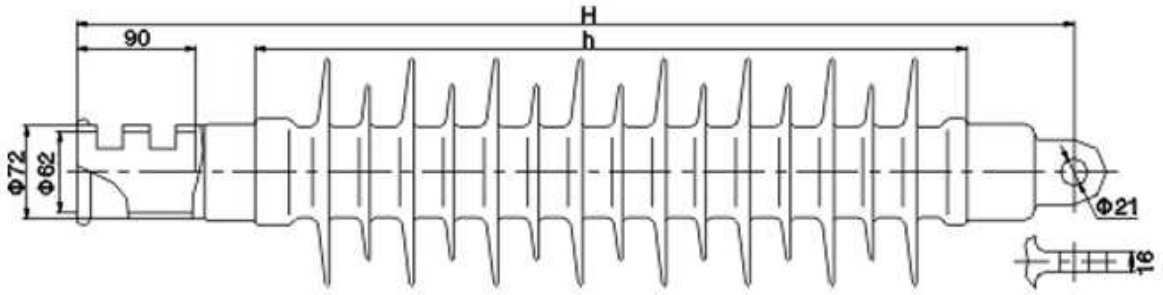
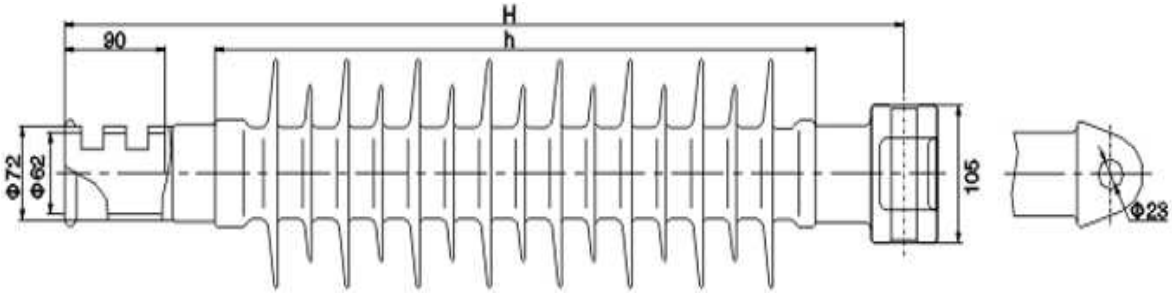
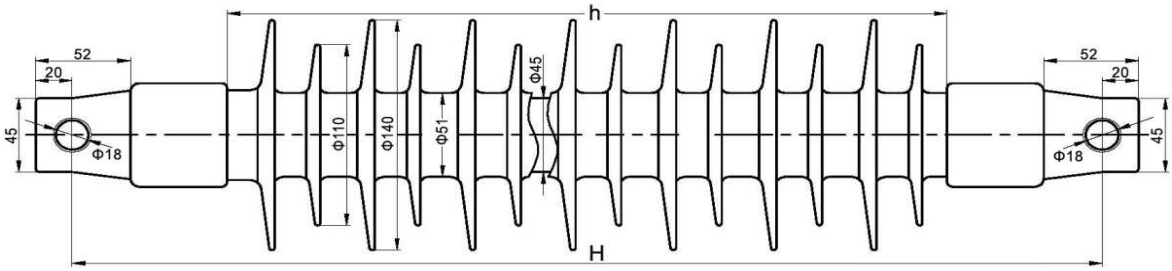
FQBN-25/4-JH Composite Railway Insulator



FQBN-25/4-JZ Composite Railway Insulator



FQB-25/4-45×615 Composite Railway Insulator



Model	Rated Voltage (kV)	Specified Cantilever Load (kN)	Section Height H-(mm)	Leakage Distance (mm)	Dry Arc Distance (mm)	Power Freq. Wet Withstand Voltage (kV); ≥	Lightning Impulse Withstand Voltage (kV); ≥
FQBN-25/4-JH	25	4	760	1700	540	160	320
FQBN-25/4-JH	25	8	760	1700	540	160	320
FQBN-25/4-JZ	25	4	760	1700	540	160	320
FQBN-25/4-JZ	25	8	760	1700	540	160	320
FQB-25/4-45×615	25	4	615	1485	485	115	250

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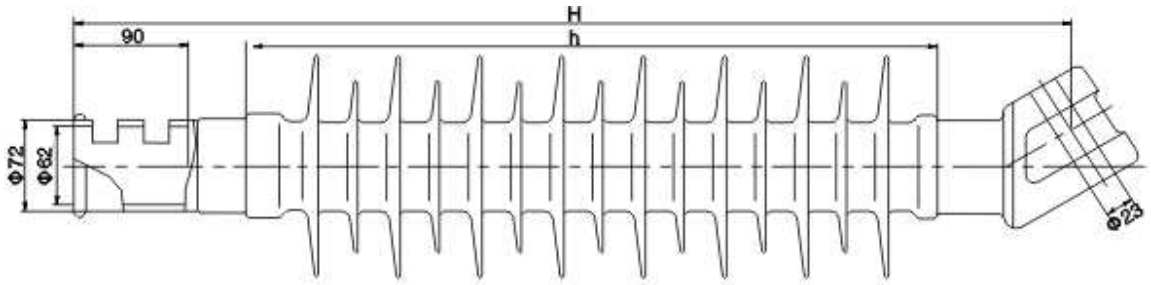
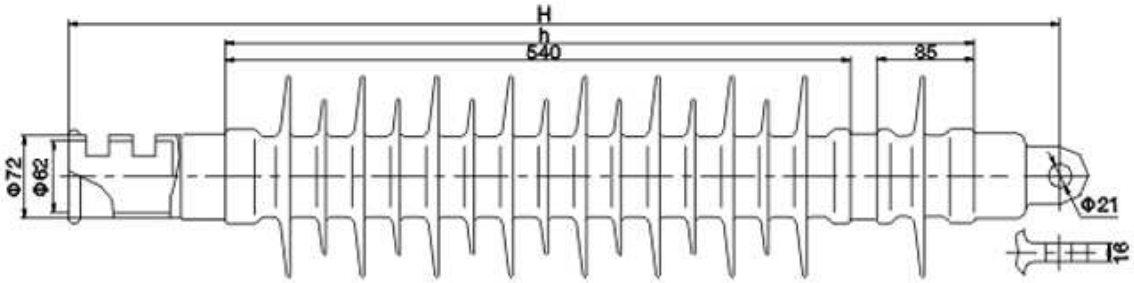
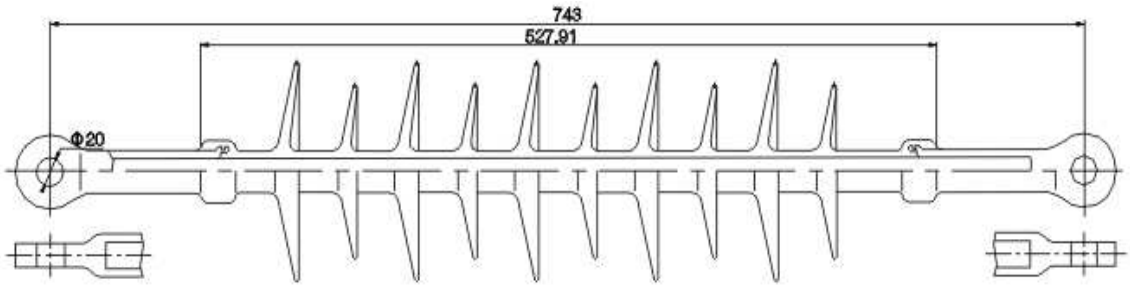
FQBN-25/4-JX Composite Railway Insulator



FQBN-25/4-JH Composite Railway Insulator



FQBN-25/4-HH Composite Railway Insulator



Model	Rated Voltage (kV)	Specified Cantilever Load (kN)	Section Height H-(mm)	Leakage Distance (mm)	Dry Arc Distance (mm)	Power Freq. Wet Withstand Voltage (kV); ≥	Lightning Impulse Withstand Voltage (kV); ≥
FQBN-25/4-JX1	25	4	780	1700	540	160	320
FQBN-25/4-JX2	25	8	780	1700	540	160	320
FQBN-25/4-JH1	25	4	860	1850	540	170	350
FQBN-25/4-JH2	25	8	860	1850	540	170	350
FQX-25/120-HH1	25	120(SML)	743	1500	540	160	320
FQX-25/120-HH2	25	120(SML)	743	1770	540	160	320

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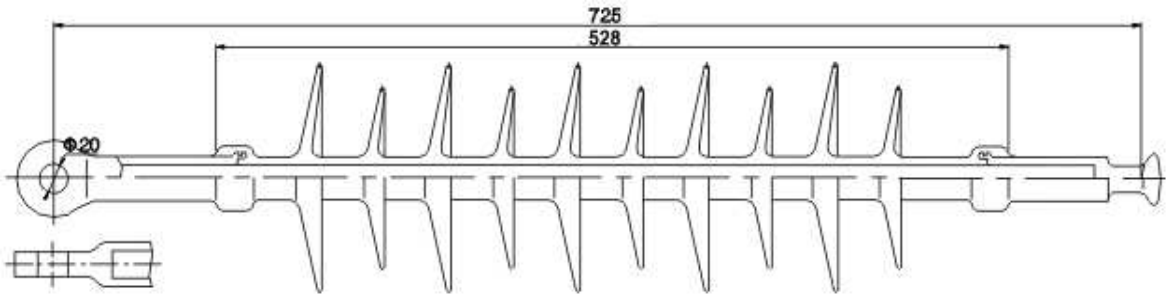
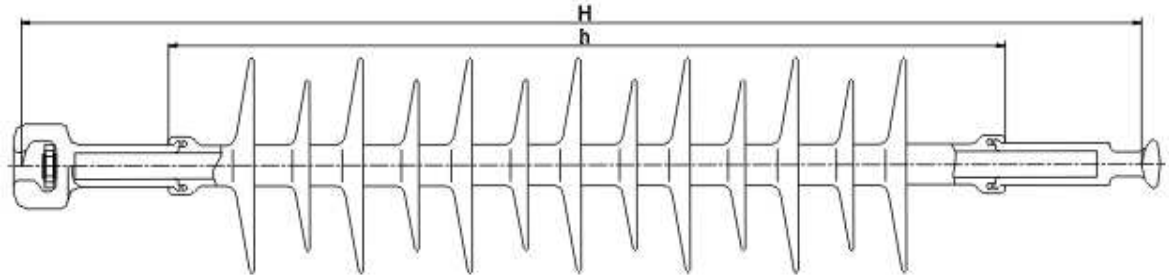
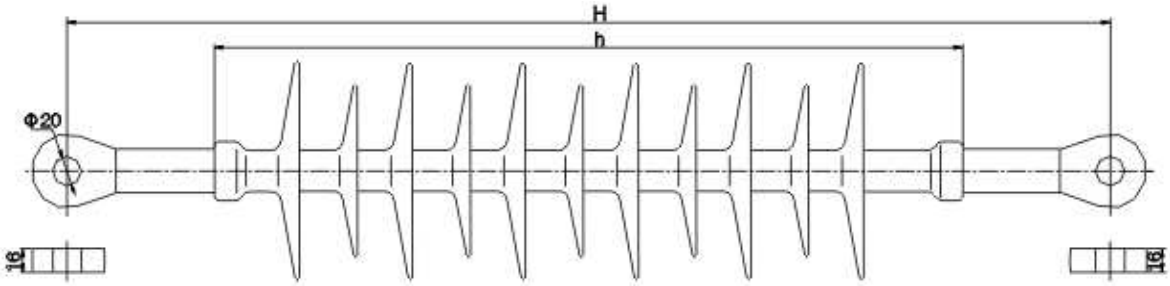
FQX-25/120-HT Composite Railway Insulator



FQX-25/100-QT Composite Railway Insulator



FQX-25/100-HH Composite Railway Insulator



Model	Rated Voltage (kV)	Specified Tensile Load (kN)	Section Height H-(mm)	Leakage Distance (mm)	Dry Arc Distance (mm)	Power Freq. Wet Withstand Voltage (kV); ≥	Lightning Impulse Withstand Voltage (kV); ≥
FQX-25/120-HT1	25	120	725	1500	530	160	320
FQX-25/120-HT2	25	120	815	1700	620	160	320
FQX-25/100-QT1	25	100	700	1400	500	150	300
FQX-25/100-QT2	25	100	800	1850	600	160	320
FQX-25/100-HH1	25	100	704	1500	504	130	250
FQX-25/100-HH2	25	100	820	1800	620	130	250

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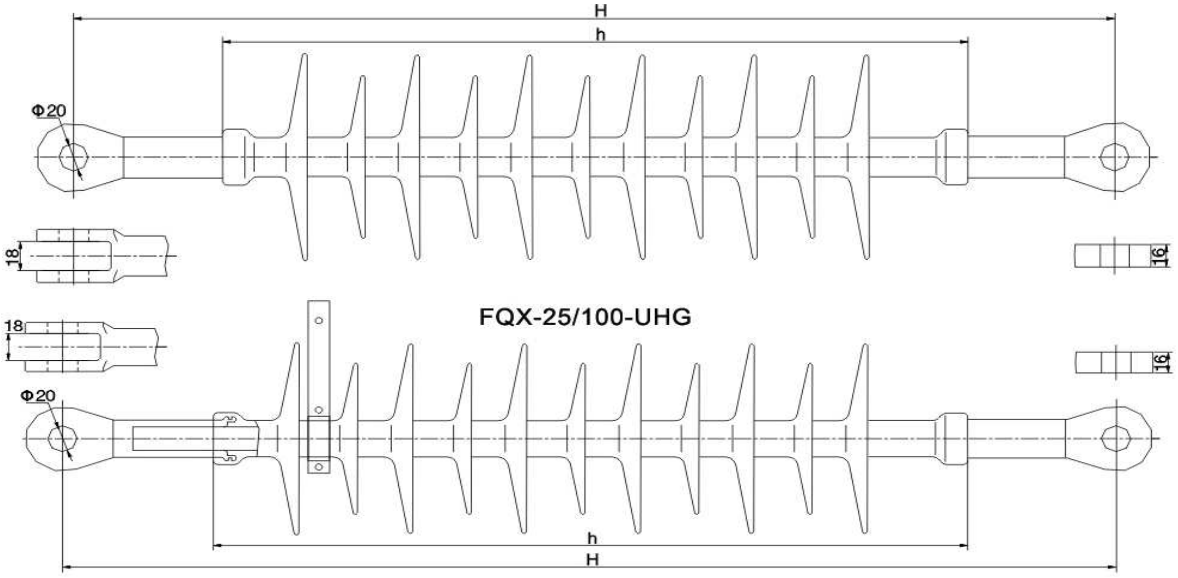
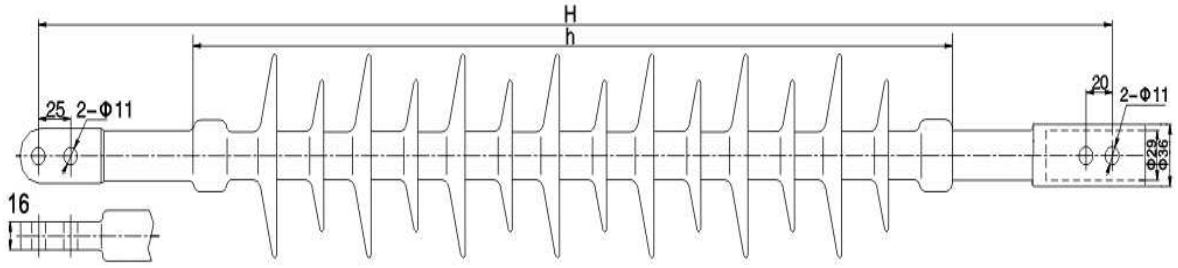
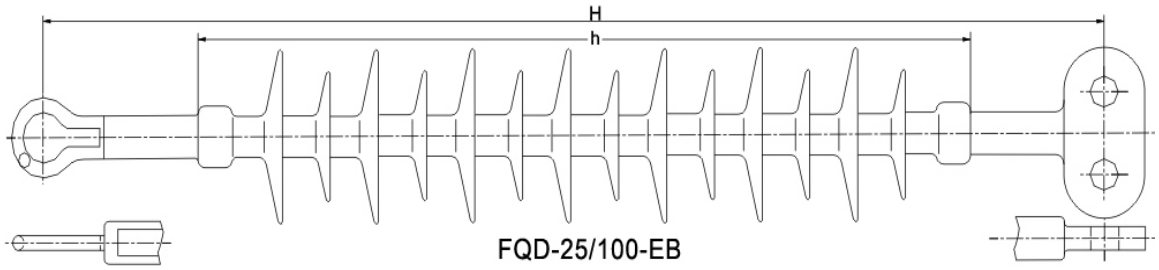
FQX-25/100-UH Composite Railway Insulator



FQX-25/100-UHG

FQD-25/20-BYA Composite Railway Insulator





FQD-25/100-EB

Model	Rated Voltage (kV)	Specified Cantilever Load (kN)	Section Height H-(mm)	Leakage Distance (mm)	Dry Arc Distance (mm)	Power Freq. Wet Withstand Voltage (kV); ≥	Lightning Impulse Withstand Voltage (kV); ≥
FQX-25/100-UH	25	100(SML)	704	1500	505	130	250
FQX-25/100-UHG	25	100(SML)	820	1800	620	130	250
FQD-25/20-BYA1	25	20	750	1250	490	165	320
FQD-25/20-BYA2	25	20	820	1600	560	180	350
FQD-25/20-EB1	25	20	685	1200	465	150	320
FQD-25/20-EB2	25	20	800	1600	580	180	380

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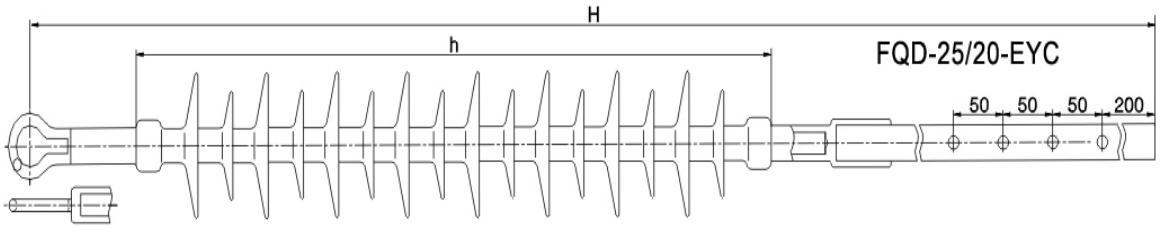
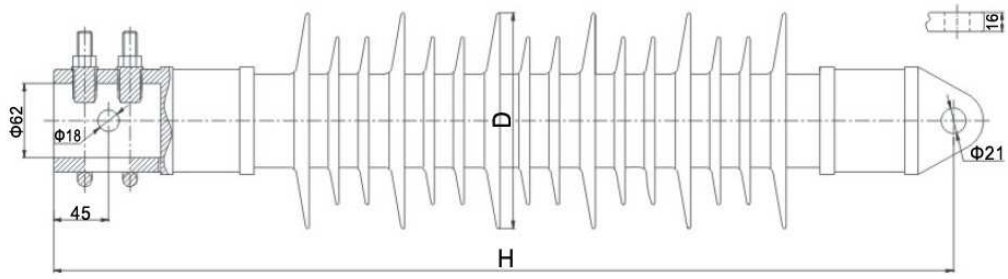
FQD-25/20-EYC Composite Railway Insulator



Model	Rated Voltage (kV)	Specified Cantilever Load (kN)	Section Height H-(mm)	Leakage Distance (mm)	Dry Arc Distance (mm)	Power Freq. Wet Withstand Voltage (kV); ≥	Lightning Impulse Withstand Voltage (kV); ≥
FQD-25/20-EYC1	25	20(SML)	1380	1400	600	150	300
FQD-25/20-EYC2	25	20(SML)	1450	1600	700	180	350



Model	Rated Voltage (kV)	Specified Cantilever Load (kN)	Section Height H-(mm)	Leakage Distance (mm)	Shed Dia. D (mm)	Power Freq. Wet Withstand Voltage (kV); ≥	Lightning Impulse Withstand Voltage (kV); ≥	Weight (kg)
FQBS-25/8	25	8	760	1200	160	130	270	10.8
FQBS-25/12	25	12	760	1200	180	130	270	13.1
FQBS-25/16	25	16	800	1200	188	130	270	15.3
FQBSJ-25/8	25	8	760	1400	160	130	290	10.8
FQBSJ-25/12	25	12	760	1400	180	130	290	13.1
FQBSJ-25/16	25	16	760	1400	215	130	290	15.3
FQBSG-25/8	25	8	800	1600	160	130	310	10.8
FQBSG-25/12	25	12	800	1600	180	130	310	13.1
FQBSG-25/16	25	16	800	1600	215	130	310	15.3

Custom size, different end fittings and special technical requirements can be met upon request.

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