

BV-35 Vertical Tap/Angle Bracket

Description:

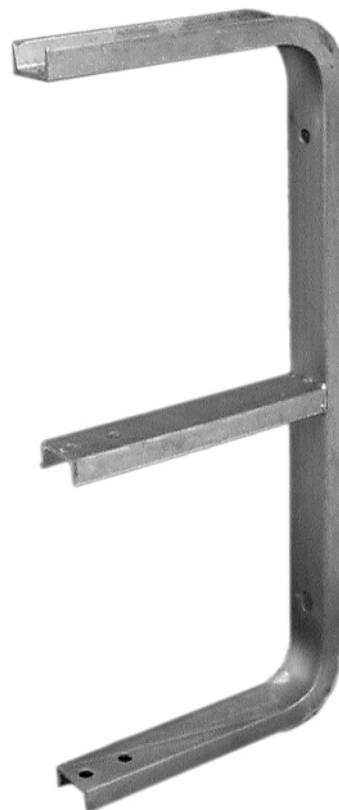
The BV-35 is a vertical tap/angle bracket used with Hendrix Spacer Cable Systems. The bracket is formed using 3.0" channel and is hot dip galvanized after fabrication.

Benefits:

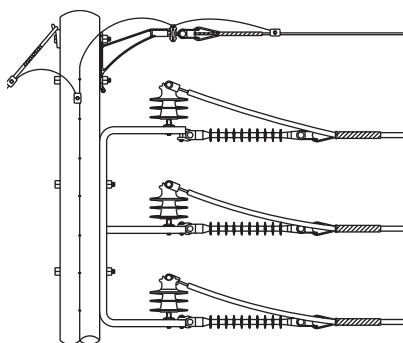
- The phase conductors are supported in a vertical orientation to permit taps to be made while still maintaining a compact configuration
- Simple, compact alternative to crossarm angle or tap construction

Application:

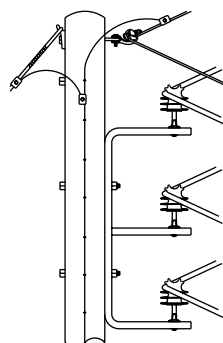
The BV-35 is designed for use at all voltages through 35kV. For perpendicular taps, a single BM Tangent Bracket is used to support the messenger for both the circuit and the lateral tap. These brackets can also be used on angles up to 90° in applications where a vertical configuration of the phase conductors is desired. The bracket should be applied along with Hendrix Type HPI polyethylene insulators and covered tie wire or HPI Vise-Top Insulators with 2IP plate, if required. Pole mounting is accomplished using thru-bolts (not included).



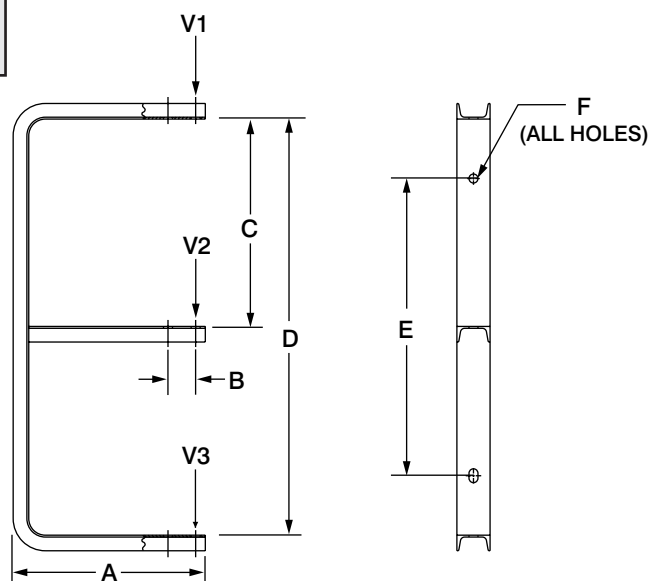
System Voltage	Line Angle	Conductor Size	2IP Plate
15kV	7° - 60°	All conductors	not required
	61° - 90°	All conductors	required
25kV	7° - 44°	All conductors	not required
	45° - 60°	Below 336.4	not required
	45° - 60°	336.4 and larger	required
	61° - 90°	All conductors	required
35kV	7° - 44°	All conductors	not required
	45° - 60°	Below 336.4	not required
	45° - 60°	336.4 and larger	required
	61° - 90°	All conductors	required



Lateral tap



Angle



Catalog No.	Dimension (inches)						Minimum Yield Strength (lbs)			Weight (lbs)	Material
	A	B	C	D	E	F	V1	V2	V3		
BV-35	17 3/8	2 1/2	18 3/4	37 5/8	26 7/8	13 1/16	1,150	1,600	1,100	17.3	ASTM A-36 Structural Steel