

## HPI-TLP-17H

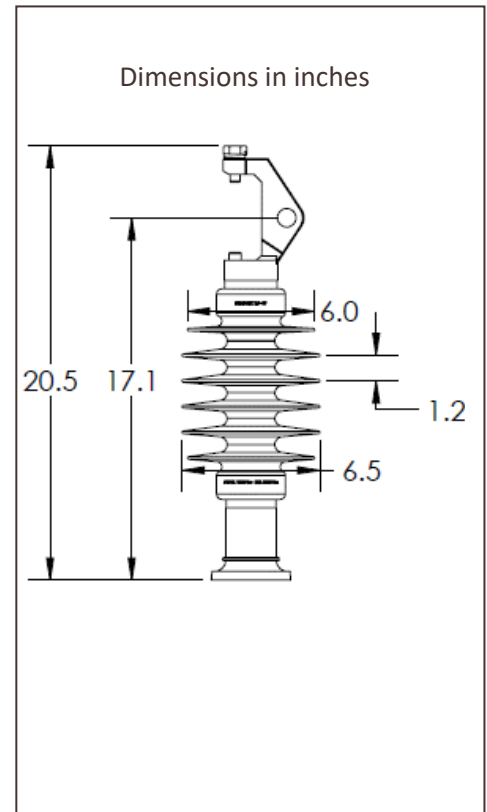
Hendrix “Trunnion” Line Post Insulators are molded from a proprietary blend of gray, track and UV resistant, high density polyethylene. They are more durable and reliable than traditional porcelain insulators.

The HPI-TLP-17H with steel base and center tap  $\frac{3}{4}$ ” thread size accepts all industry standard “Trunnion” clamps. It meets the electrical and mechanical requirements of ANSI C29.7 and C29.18. It is a direct replacement for high-voltage porcelain or composite insulators.

- Lighter than porcelain
- Designed for use in horizontal configurations
- Resistant to impact damage, breakage and vandalism
- Molded in USA

## PRODUCT DATA

| Characteristic                    | ANSI C29.7 57-22    | ANSI C29.18 51-23 | HPI-TLP-17H         |
|-----------------------------------|---------------------|-------------------|---------------------|
| <b>DIMENSIONS</b>                 |                     |                   |                     |
| Leakage distance (in)             | 22                  | 22                | 31.2                |
| Dry-arc distance (in)             | 9.5                 | 9.5               | 11.6                |
| Center-hole diameter (in)         | 0.75                | 0.75              | 0.75                |
| <b>MECHANICAL VALUES</b>          |                     |                   |                     |
| Specified Cantilever load (lbs)   | 2800                | 2400              | 2800                |
| Max Design Cantilever Load (lbs)  | 1400 <sup>[1]</sup> | 1200              | 1400 <sup>[2]</sup> |
| Specified tensile load (lbs)      | N/A                 | 5000              | >7000               |
| <b>ELECTRICAL VALUES</b>          |                     |                   |                     |
| Typical application (kV)          | 35                  | 35                | 35                  |
| Flashover, 60 Hz Dry (kV)         | 100                 | 100               | 146                 |
| Flashover, 60 Hz Wet (kV)         | 70                  | 70                | 110                 |
| Impulse Flashover – Positive (kV) | 120                 | 120               | 222                 |
| Impulse Withstand – Positive (kV) | -                   | -                 | 204                 |
| Impulse Flashover – Negative (kV) | -                   | -                 | -300                |
| Max RIV ( $\mu$ V) tested at 22KV | 100                 | 100               | 7.7                 |
| <b>OTHER</b>                      |                     |                   |                     |
| Min.-Max. Conductor Diameter (in) | -                   | -                 | N/A                 |
| Part Weight (lbs)                 | ~22                 | -                 | 12.7                |



NOTES: [1] Wet-process porcelain insulators are proof tested at 40% of Rated Cantilever Strength

[2] MDCL is specified by the manufacturer

[3] Patent Pending