

Pole accessories

DP5R

5" Round Steel Pole

Job Information

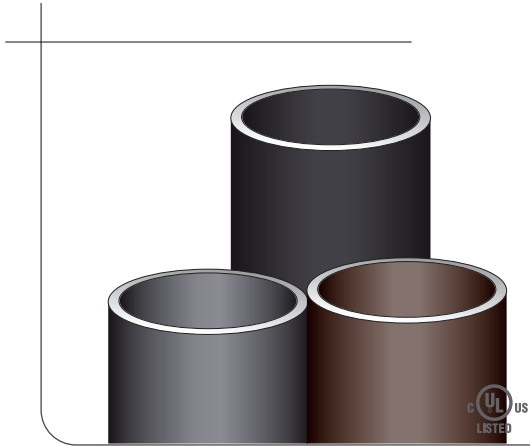
Type:

Catalog #:

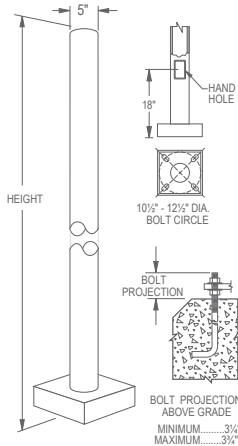
Project:

Comments:

Prepared by:



Dimensions



Features

- 5" diameter
- Shaft conforms to ATSM-A-501-68 specifications
- Shaft meets or exceeds minimum yield strength of 46,000 p.s.i., base meets or exceeds minimum yield strength of 36,000 p.s.i.
- Steel wall thickness 11 ga. (.120 wall) or 7 ga. (.180 wall); aluminum wall thickness is .125 wall
- Reinforced hand hole is furnished with cover, shaft is furnished with ground lug located inside pole on wall opposite hand hole
- Base telescopes and is circumferentially welded to pole shaft
- Slotted bolt holes provide 1" flexibility on either side of bolt circle centerline
- (4) anchor bolts fabricated from hot rolled steel bar, minimum yield strength of 50,000 p.s.i.
- Bolts have "I" bend on one end and are threaded on the other end
- Bolts are fully galvanized and are furnished with two nuts and two washers
- Two piece cover conceals base
- Polyester powder coat

ORDERING INFORMATION:

Example: (DP5R-S-8125-TN238-DM1-BZ-PDR-GFI)

| | | | | | | | |
|---------------|---------------------------|--|---|--|---|--|--|
| DP5R | | | | | | | |
| Series | Pole Type | Pole / Bolt Circle / Anchorage | Mounting | Drill Mount | Finish | Finish Options | Options |
| 5" Round Pole | S - Steel A - Aluminum | 8125 - 8' (.125) / 11 3/4" BC / 3/4"x24"x3" ⁴ 10125 - 10' (.125) / 11 3/4" BC / 3/4"x24"x3" ⁴ 12125 - 12' (.125) / 11 3/4" BC / 3/4"x24"x3" ⁴ 14125 - 14' (.125) / 11 3/4" BC / 3/4"x24"x3" ⁴ 14188 - 14' (.188) / 11 3/4" BC / 3/4"x24"x3" ⁴ 16 - 16' (11 ga.) / 11 1/2" BC / 1"x36"x4" 16125 - 16' (.125) / 11 3/4" BC / 3/4"x24"x3" ⁴ 16188 - 16' (.188) / 11 3/4" BC / 3/4"x24"x3" ⁴ 1811 - 18' (11 ga.) / 11 1/2" BC / 1"x36"x4" 187 - 18' (7 ga.) / 11 1/2" BC / 1"x36"x4" 18125 - 18' (.125) / 11 3/4" BC / 3/4"x24"x3" ⁴ 18188 - 18' (.188) / 11 3/4" BC / 3/4"x24"x3" ⁴ 2011 - 20' (11 ga.) / 11 1/2" BC / 1"x36"x4" 207 - 20' (7 ga.) / 11 1/2" BC / 1"x36"x4" 20188 - 20' (.188) / 11 3/4" BC / 3/4"x24"x3" ⁴ 2511 - 25' (11 ga.) / 11 1/2" BC / 1"x36"x4" 257 - 25' (7 ga.) / 11 1/2" BC / 1"x36"x4" | TN238 - 2 3/8"x4" Tenon TN278 - 2 7/8"x4" Tenon OT - Other Tenon Mt _____ | DM1 - Drill Mount DM2180 - Drill Mount DM290 - Drill Mount ¹ DM390 - Drill Mount ¹ DM490 - Drill Mount ¹ DM3120 - Drill Mount ² | BZ - Bronze BL - Black WH - White GY - Grey GR - Green CU - Custom Paint (Consult Factory) | GLV - Galvanized PDR - Thermoset Polyester Powder | DUP - Duplex Receptacle GFI - GFI Receptacle T3120 - 3 Way Adapter T490 - 4 Way Adapter RBC - Round Base Cover CPL12 - 1/2" Coupling ³ CPL34 - 3/4 Coupling ³ CPL2 - 2" Coupling ³ |

¹ DM290, DM390, DM490 require TN278 and T490 adapter

² DM3120 requires TN278 and T3120 adapter

³ Specify coupling location

⁴ Available in aluminum only.

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DP5R 5" Round Steel Pole

Job Information

Type:

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Project:

Comments:

Prepared by:

EPA Data

Maximum EPA - Square Feet

| Catalog Number | Maximum Fixt. wgt. | 100 MPH | 90 MPH | 80 MPH | 70 MPH |
|----------------|--------------------|---------|--------|--------|--------|
| DP5R-S-16 | 200 | 8.1 | 10.0 | 12.6 | 15.8 |
| DP5R-S-1811 | 175 | 6.5 | 8.1 | 10.0 | 12.6 |
| DP5R-S-187 | 325 | 12.4 | 16.3 | 32.1 | 43.9 |
| DP5R-S-2011 | 150 | 5.2 | 6.5 | 7.9 | 10.1 |
| DP5R-S-207 | 275 | 10.1 | 14.9 | 22.3 | 32.5 |
| DP5R-S-2511 | 125 | 4.1 | 5.9 | 7.6 | 10.9 |
| DP5R-S-257 | 250 | 8.0 | 10.7 | 13.2 | 19.7 |
| DP5R-S-8125 | 100 | 12.2 | 15.7 | 20.5 | 27.4 |
| DP5R-A-10125 | 100 | 8.2 | 11.1 | 14.6 | 20.0 |
| DP5R-A-12125 | 100 | 5.4 | 7.5 | 10.5 | 14.9 |
| DP5R-A-14125 | 100 | 3.3 | 5.0 | 7.5 | 11.2 |
| DP5R-A-16125 | 100 | 1.8 | 3.2 | 5.2 | 8.2 |
| DP5R-A-16188 | 200 | 4.4 | 6.6 | 9.4 | 13.7 |
| DP5R-A-18125 | 100 | 2.2 | 2.9 | 3.8 | 5.6 |
| DP5R-A-18188 | 200 | 4.1 | 5.2 | 6.7 | 9.5 |
| DP5R-A-20188 | 200 | 3.1 | 4.0 | 5.2 | 7.6 |

All above design calculations are based on sustained wind forces plus additional 1.3 wind gust(Example: Pole rated at 80 MPH withstands 104 MPH gusts)