CAST IN PLACE ANCHOR
SUMMIT MODEL #: SM-85
FOR C.I.P. DURING ROOF DECK POUR

1. SM-1: FORGED PAD EYE, QUENCHED AND TEMPERED. ENTIRE ANCHOR HOT-DIP GALVANIZED AFTER FABRICATION.

2. HSS TUBE: HEIGHT AND DIAMETER SIZE AS REQUIRED FOR APPLICATION.

3. SM-FOM: OPTIONAL MOLDED URETHANE INSULATION REDUCES THERMAL TRANSFER AND CONDENSATION;

4. SM-PLT: BASE PLATE SEE THE TABLE BELOW, COLUMN {Bp}

5. SM-STUD: NELSON STUDS, WELDED TO BASE PLATE

NOTE - CUSTOMER IS RESPONSIBLE FOR THE FOLLOWING:

- Verifying that the equipment is installed and bonded in accordance with applicable local and national codes.
- Ensuring that the anchor is produced in accordance with the manufacturer's specifications.
- Providing the manufacturer with the necessary information for the anchor's design.
- Ensuring that the anchor is properly designed for the intended use.

Epoxy Mounts:

- Urethane insulation reduces thermal transfer and condensation.
- Optional molded urethane insulation.

Nelson Studs:

- Welded to base plate.
- Designed to resist the forces indicated on the drawings.

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SUMMIT STANDARD EPOXY MOUNTED ANCHOR

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MAX. TUBE LENGTH (H)</th>
<th>(P) PEDASTAL (IN.) (GRADE C)</th>
<th>(R) TUBE TO BASE WELD SIZE</th>
<th>(B) BASE PLATE SIZE (A X B X C)</th>
<th>MIN. EMBED DEPTH (Ed)</th>
<th>MIN. SLAB THICKNESS (M)</th>
<th>NELSON STUD</th>
<th>MN. EDGE DISTANCE (Edv)</th>
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<td>3,500 PSI - 7.00&quot;</td>
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MATERIAL DESIGNATION:
- ALL PLATES: ASTM A572 GR 50
- ALL TUBES: ASTM A500 GR C
- WELD WIRE: E70

ANCHOR 3D VIEW