1½ x 1½ x 7B Series A-C 1500
In-Line Mounted Centrifugal Pumps

SPECIFICATIONS
FLOW _______ HEAD _______
HP _______ RPM _______
VOLTS _______ PHASE _______
CYCLE _______ ENCLOSURE _______
APPROX. WEIGHT _______
SPECIALS _______

MAXIMUM WORKING PRESSURE
☐ 175 psi (12 bar) W.P. with 125# ANSI flange drilling
☐ 250 psi (17 bar) W.P. with 250# ANSI flange drilling (requires -S)
☐ 300 psi (21 bar) W.P. with 250# ANSI flange drilling (EPR-Sintered Silicon Carbide-Sintered Silicon Carbide) Requires -S

MATERIALS OF CONSTRUCTION
☐ BRONZE FITTED
☐ ALL IRON

TYPE OF SEAL
☐ Standard Seal (Buna-Carbon/Ceramic)
☐ -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
☐ -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
☐ -D Stuffing Box construction w/ Flushed Double Mechanical Seal (EPR-Carbon/Ceramic) Requires external water source
☐ -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated Teflon)

FLOWHEAD
HP RPM
VOLTS PHASE CYCLE ENCLOSURE APPROX. WEIGHT SPECIALS
175 psi (12 bar) W.P. with 125# ANSI flange drilling
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Series A-C 1500
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☐ -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated Teflon)

FLOWS: 0 to 40 gpm (0 to 150 LPM)
HEADS: 0 to 50 ft (0 to 15 m)
RPMs: 1750 RPM
VOLTS: 208/230/460 volts
ENCLOSURE: Horizontal
APPROX. WEIGHT: 550 lbs (249 kg)
SPECIALS: Vertical option available

Graph showing performance characteristics of the pump.
### 1½ x 1½ x 7B Series A-C 1500
In-Line Mounted Centrifugal Pumps

#### Specifications

<table>
<thead>
<tr>
<th>Flow</th>
<th>Head</th>
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<th>Volts</th>
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<th>Approx. Weight</th>
<th>Specials</th>
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#### Materials of Construction

- **Bronze Fitted**
- **All Iron**

#### Maximum Working Pressure

- 175 psi (12 bar) W.P. with 125# ANSI flange drilling
- 250 psi (17 bar) W.P. with 250# ANSI flange drilling (requires -S)
- 300 psi (21 bar) W.P. with 250# ANSI flange drilling (EPR-Sintered Silicon Carbide-Sintered Silicon Carbide) Requires -S

#### Type of Seal

- Standard Seal (Buna-Carbon/Ceramic)
- -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
- -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
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### 3500 RPM Pump Curves

![3500 RPM Pump Curves](image-url)

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**DIMENSIONS** – Inches (mm)

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E (Max)</th>
<th>F</th>
<th>G</th>
<th>H (Max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>143JM</td>
<td>8</td>
<td>16</td>
<td>4-5/8</td>
<td>4-3/4</td>
<td>11-5/8(295)</td>
<td>4-5/8</td>
<td>20-5/8(524)</td>
<td>3-7/8(98)</td>
</tr>
<tr>
<td>182JM</td>
<td>8</td>
<td>16</td>
<td>4-5/8</td>
<td>4-3/4</td>
<td>15-5/16(389)</td>
<td>4-5/8</td>
<td>24-3/8(619)</td>
<td>3-7/8(98)</td>
</tr>
<tr>
<td>184JM</td>
<td>8</td>
<td>16</td>
<td>4-5/8</td>
<td>4-3/4</td>
<td>19-1/4(489)</td>
<td>4-5/8</td>
<td>28-1/4(718)</td>
<td>3-7/8(98)</td>
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<tr>
<td>213JM</td>
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**STANDARD SEAL, -F**

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<tr>
<th>SIZE</th>
<th>THICKNESS</th>
<th>O.D.</th>
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<tr>
<td>Discharge</td>
<td>1-1/2&quot;</td>
<td>13/16&quot;(21)</td>
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<tr>
<td>Suction</td>
<td>1-1/2&quot;</td>
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**FLANGES ARE 125# ANSI - STANDARD 250# ANSI - AVAILABLE**

**Motor may be supplied with feet**

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**FLANGE DIMENSIONS IN INCHES (MM)**

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**Dimensions are subject to change. Not to be used for construction purposes unless certified.**

**For TEFC Motors add S dimension to dimensions E & H.**