Project Number: 03047bd

Fan
Make: Big Dutchman
Model #: 60-36-5205 w/cone
Manufacturer: Canarm
Blade Size: 35.9”
Orifice Dia.: 36.8”
Blade Number: 4
Shape: propeller
Material: galvanized steel
Pitch: -
Clearance: 36.8”

Motor
Make: Marathon
Model #: AWA56T17T5600A
H.P.: 1/2
Amps: 2.0-1.8/0.9 60Hz
1.8-2.0/.9-1.0 50 Hz
Volts: 208-230/460 60 Hz
190-240/380-480 50 Hz
RPM: 1725/1425
S.F.: 1.00

Drive
Drive Pulley Dia. 3.5” o.d.
Axle Pulley Dia.: 9.0” o.d.

Housing
Material: fiberglass
Intake Area: 42” x 41”
Discharge Area: 40.3” dia.
Depth: 36” top
26” bottom

Guards
Description: wire
Spacing: 2”

Shutter
Material: plastic
# of Doors: 12 per column
# of Columns: 2
Door Length: 20”
Location: intake

Other Attachments:
Discharge cone 19.5” deep, 40.3” i.d., 44.5” o.d.
Location: exhaust

Test Date: April 29, 2003

Motor
Make: Marathon
Model #: AWA56T17T5600A
H.P.: 1/2
Amps: 2.0-1.8/0.9 60Hz
1.8-2.0/.9-1.0 50 Hz
Volts: 208-230/460 60 Hz
190-240/380-480 50 Hz
RPM: 1725/1425
S.F.: 1.00

Drive
Drive Pulley Dia. 3.5” o.d.
Axle Pulley Dia.: 9.0” o.d.

Housing
Material: fiberglass
Intake Area: 42” x 41”
Discharge Area: 40.3” dia.
Depth: 36” top
26” bottom

Guards
Description: wire
Spacing: 2”

Shutter
Material: plastic
# of Doors: 12 per column
# of Columns: 2
Door Length: 20”
Location: intake

Other Attachments:
Discharge cone 19.5” deep, 40.3” i.d., 44.5” o.d.
Location: exhaust

Test Date: April 29, 2003
## TEST RESULTS

**BIG DUTCHMAN  60-36-5205 w/cone**

<table>
<thead>
<tr>
<th>Static Pressure</th>
<th>Speed</th>
<th>Airflow</th>
<th>Efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td>in. water</td>
<td>rpm</td>
<td>cfm</td>
<td>cfm/Watt</td>
</tr>
<tr>
<td>Test: 03047bd</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Fan description:**
- 3 phase, 380V, 50Hz
- 36" belt drive, ½ hp Marathon AWA56T17T5600A motor, fiberglass housing, plastic shutter, guard and discharge cone

<table>
<thead>
<tr>
<th>Static Pressure</th>
<th>Speed</th>
<th>Airflow</th>
<th>Efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td>546</td>
<td>11,380</td>
<td>26.5</td>
</tr>
<tr>
<td>0.05</td>
<td>543</td>
<td>10,250</td>
<td>22.2</td>
</tr>
<tr>
<td>0.10</td>
<td>541</td>
<td>8,990</td>
<td>18.3</td>
</tr>
<tr>
<td>0.15</td>
<td>540</td>
<td>7,530</td>
<td>14.7</td>
</tr>
<tr>
<td>0.20</td>
<td>538</td>
<td>3,880</td>
<td>7.4</td>
</tr>
<tr>
<td>0.25</td>
<td>533</td>
<td>2,750</td>
<td>4.7</td>
</tr>
<tr>
<td>0.30</td>
<td>528</td>
<td>1,720</td>
<td>2.7</td>
</tr>
</tbody>
</table>