Project Number: C09053
Test Date: January 15, 2009

Fan:
Make- Termotecnica Pericoli s.r.l.   Make- SISME
Model- ACF18   Model - K48612 M02147
Size- 18" (457 mm)   Hp- 70-100 W out
Orifice ø - 470 mm   RPM- 900
Volts- 230-220-200

Motor:
Amps- 0.55 - 0.7
Hz- 50-60

Blade:
Number- 3   Phase- 1
Shape- propeller   Material- aluminum

Guards:
Description- wire   Spacing- 10 / 20 mm
Location- intake / exhaust

Drive Sheaves:
Drive o.d.- direct   Material- stainless steel
Axle o.d.- drive   Depth- 430 mm

Housing:

Notes: *50Hz*, Stainless steel tube fan with straightening vanes on exhaust side

5 x D Centerline Velocity (fpm): 570

Test Conditions:
T(wb): 46   Barometric pressure, recorded 29.86
T(db): 71   Barometric Pressure, corrected 29.75

<table>
<thead>
<tr>
<th>Impeller ø (in.)</th>
<th>Thrust (lbf)</th>
<th>rpm</th>
<th>Volts</th>
<th>Amps</th>
<th>kW</th>
<th>Thrust Efficiency Ratio (lbf/kW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>18.0</td>
<td>1.27</td>
<td>924</td>
<td>228.4</td>
<td>0.56</td>
<td>0.122</td>
<td>10.4</td>
</tr>
</tbody>
</table>

Airflow* (thrust cfm) | (thrust cfm/W) |
----------------------|----------------|
1870                  | 15.3           |

*Airflow - ANSI/AMCA 230-12 Eq. 9.6 IP