### Rated Full Load Data

<table>
<thead>
<tr>
<th>RPM</th>
<th>HP</th>
<th>Torque (LB-FT)</th>
<th>FUND VOLTS</th>
<th>FREQ-HZ</th>
<th>AMPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Speed</td>
<td>1766</td>
<td>10.0</td>
<td>30</td>
<td>460</td>
<td>60</td>
</tr>
<tr>
<td>Max Speed</td>
<td>3527</td>
<td>10.0</td>
<td>15</td>
<td>460</td>
<td>120</td>
</tr>
<tr>
<td>Min Speed</td>
<td>0</td>
<td>0</td>
<td>30</td>
<td>17.6</td>
<td>1.14</td>
</tr>
</tbody>
</table>

### Load Performance at Base Speed

<table>
<thead>
<tr>
<th>RPM</th>
<th>HP</th>
<th>Torque (LB-FT)</th>
<th>FUND VOLTS</th>
<th>FREQ-HZ</th>
<th>AMPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Load</td>
<td>1800</td>
<td>0</td>
<td>0</td>
<td>460</td>
<td>60</td>
</tr>
<tr>
<td>1/4</td>
<td>1791</td>
<td>2.50</td>
<td>7</td>
<td>460</td>
<td>60</td>
</tr>
<tr>
<td>1/2</td>
<td>1783</td>
<td>5.01</td>
<td>15</td>
<td>460</td>
<td>60</td>
</tr>
<tr>
<td>3/4</td>
<td>1775</td>
<td>7.50</td>
<td>22</td>
<td>460</td>
<td>60</td>
</tr>
<tr>
<td>Full Load</td>
<td>1766</td>
<td>10.0</td>
<td>30</td>
<td>460</td>
<td>60</td>
</tr>
<tr>
<td>O/L</td>
<td>1725</td>
<td>19.6</td>
<td>60</td>
<td>460</td>
<td>60</td>
</tr>
</tbody>
</table>

### Blower Data

<table>
<thead>
<tr>
<th>Volts</th>
<th>PH/HZ</th>
<th>FL Amps</th>
<th>LR Amps</th>
<th>Frame</th>
<th>CFM</th>
</tr>
</thead>
</table>

### Remarks: Typical Data
A-C MOTOR PERFORMANCE CURVES

VARIABLE SPEED AC MOTOR CURVES

VOLTS  460  ENCLOSURE  TEFC  WYE CONN EQ CKT OHMS PER PHASE
FL1844  AMPS  13.9  MAX SAFE RPM  7200 (AT BASE RATING, 25 °C)
HP  10  DUTY  CONT  IM (AMPS)  8  R1 .439  x1 1.50
BASE SPEED  1765  S.F.  1.0  P.F.@NL/FL  .063/.768  R2 .308  x2 1.86
PHASE/HERTZ  3/60  AMB °C/INSUL  40/H  WK² (Lb–Fl²)  .645  XM 33.2

DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

REMARKS:
TYPICAL DATA

Dr. By:  R. Grant
Ck. By:  B. Grant
App. By:  T. Cuff
Date:  3-8-06

A-C MOTOR
L3219A
SH 1 OF 2

Baldor Electric Company

Motor Shaft Speed in RPM

Fundamental Volts at Rated Load

Rated 1/2 Min. & Max. Current in Amps

Rated 0.8 Min. & Max. Current in Amps

Rated 0.4 Min. & Max. Current in Amps

Rated 0.2 Min. & Max. Current in Amps

Rated 0.1 Min. & Max. Current in Amps

Rated Torque in Lb–Fl

Rated Speed at 60 Hz

Motor Shaft Torque in Lb–Fl

Ohms Per Phase

Revised 3-8-06

Baldor - Dodge - Reliance

Rotext2(0)
REL S.O. -  VOLTS 460  ENCLOSURE TEFC  WYE CONN EQ CKT OHMS PER PHASE
FRAME FL1844  AMPS 13.9  MAX SAFE RPM 7200  (AT BASE RATING, 25°C)
HP 10  DUTY CONT  IM (AMPS) 8  R1 .439  x1 1.50
BASE SPEED 1765  S.F. 1.0  P.F.@NL/FL .063/.768  R2 .308  x2 1.86
PHASE/HERTZ 3/60  AMB°/INSUL40/H  WK2 (Lb–Fl²) .645  XM 33.2

LOAD PERFORMANCE (CONSTANT V/HZ RANGE)

REMARKS:
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

A–C MOTOR PERFORMANCE CURVES  L3219A
SH12 OF 2

DR. BY  B. GRANT
CK. BY  B. GRANT
APP. BY  T. CURE
DATE  3-8-06

TYPICAL DATA