**AXIAL FLOW FAN - direct driven**

**TDA - L**

**LONG CASED**

**Construction**
Double flanged casing is produced in mild steel or galvanised steel, the impeller having manually adjustable pitch blades is made of PPG, PAG or Aluminium.

**Finish**
Painting or galvanised after manufacture is normal finish on all parts.

**Operating Temperature**
-20°C to +55°C

**Motors**
Totally enclosed Class 'F' motor, to a min. IP54 protection are fitted as standard. Standard motor up to 2.2kW are usually supplied on DOL starting, motor 3.0kW and above are star/delta starting.

**Airflow Direction**
Air flow from impeller to motor is fitted as standard. Air flow from motor to impeller can be supplied upon request.

**Option**
Spark resistance construction in accordance with AMCA standard 99-0401-86-type C construction can be supplied upon request.

---

### TABLE

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>N°</th>
<th>Ø</th>
<th>Weight (kg)</th>
<th>Max.Motor* Frame/Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>315</td>
<td>315</td>
<td>355</td>
<td>395</td>
<td>355</td>
<td>8</td>
<td>10</td>
<td>8</td>
<td>D71</td>
</tr>
<tr>
<td>355</td>
<td>355</td>
<td>395</td>
<td>435</td>
<td>355</td>
<td>8</td>
<td>10</td>
<td>10</td>
<td>D80</td>
</tr>
<tr>
<td>400</td>
<td>400</td>
<td>440</td>
<td>480</td>
<td>355</td>
<td>12</td>
<td>10</td>
<td>11</td>
<td>D90S</td>
</tr>
<tr>
<td>450</td>
<td>450</td>
<td>490</td>
<td>530</td>
<td>400</td>
<td>12</td>
<td>10</td>
<td>14</td>
<td>D90L</td>
</tr>
<tr>
<td>500</td>
<td>500</td>
<td>540</td>
<td>580</td>
<td>500</td>
<td>12</td>
<td>10</td>
<td>18</td>
<td>D90L</td>
</tr>
<tr>
<td>560</td>
<td>560</td>
<td>605</td>
<td>660</td>
<td>500</td>
<td>12</td>
<td>10</td>
<td>22</td>
<td>D112M</td>
</tr>
<tr>
<td>630</td>
<td>630</td>
<td>675</td>
<td>730</td>
<td>500</td>
<td>12</td>
<td>10</td>
<td>24</td>
<td>D112M</td>
</tr>
<tr>
<td>710</td>
<td>710</td>
<td>755</td>
<td>810</td>
<td>500</td>
<td>18</td>
<td>12</td>
<td>40</td>
<td>D112M</td>
</tr>
<tr>
<td>800</td>
<td>800</td>
<td>845</td>
<td>900</td>
<td>560</td>
<td>18</td>
<td>12</td>
<td>49</td>
<td>D132M</td>
</tr>
</tbody>
</table>

* Please consult KRUGER if motor frame size is beyond the catalogue range.

* Note: Weight without motor and impeller.

---

The company is always improving and developing its products, therefore the company reserves the right of making changes to the illustrated products. Certified dimension can be provided upon request.
*** Shaded portion is the recommended operating range based on the duct velocity consideration (friction loss of 1 Pa/m)
*** Shaded portion is the recommended operating range based on the duct velocity consideration (friction loss of 1 Pa/m)
**QUICK SELECTION GUIDE – 60Hz**

**4 POLES - 1750 RPM**

![Diagram showing Hst (Pa) vs. Air Flow (M3/S) for 4 poles at 1750 RPM]

**6 POLES - 1150 RPM**

![Diagram showing Hst (Pa) vs. Air Flow (M3/S) for 6 poles at 1150 RPM]

**6 POLES - 1150 RPM**

![Diagram showing Hst (Pa) vs. Air Flow (M3/S) for 6 poles at 1150 RPM]

*** Shaded portion is the recommended operating range based on the duct velocity consideration (friction loss of 1 Pa/m)***