TDA Series
AXIAL FLOW FAN
Axial Flow Fan (Direct Driven) — TDA Series

Material
Double flanged casing is produced in mild steel or galvanized steel, impeller blades are available in PAG, PPG or Aluminum material.

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

Operating Temperature
- General ventilation: -20 to +55°C.
- Smoke exhaust: 250°C/300°C/400°C • 1~2 hours. (TÜV SÜD certified)

Motors
- General ventilation: Totally Enclosed Fan Cooled (TEFC), Class “F”.
- Smoke exhaust system: Totally Enclosed Fan Cooled High Temperature Rated (250°C/300°C/400°C TÜV SÜD certified). IP55 protection. Standard motors up to 2.2kW are supplied with DOL starting. Motors 3.0kW and above are with star/delta starting. Motors of other specification are available upon request.

Airflow Direction
Air flow from impeller to motor is fitted as standard.

Certification

Certified by TÜV SÜD which is a leading international service organization focusing on consulting, testing, certification and training.

TDA series was tested in accordance with EN 12101-3:2002.

<table>
<thead>
<tr>
<th>Class</th>
<th>Temperature (°C)</th>
<th>Minimum functioning period (minutes)</th>
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</thead>
<tbody>
<tr>
<td>F200</td>
<td>200</td>
<td>120</td>
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<tr>
<td>F300</td>
<td>300</td>
<td>60</td>
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<td>F842</td>
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<tr>
<td>Others</td>
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<tr>
<td>Others</td>
<td>300</td>
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</table>

Kruguer Ventilation Industries Asia Co., Ltd certifies that the TDA series shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA publication 211 and comply with the requirements of the AMCA Certified Rating Program.

Nomenclature

MODEL: TDA 630 / 12AA / 7-7 / 12° / PPG / F (400°C / 2hrs)

- Fan Design
- L – Long Casing Normal Ventilation
- M – Medium Casing Normal Ventilation
- F (XXX°C / X hrs) – Fire Rated (Smoke Exhaust)
- Blade Material
- PPG – Glass Reinforced Polypropylene
- PAG – Glass Reinforced Polyamide
- AL – Aluminum
- Blade Angle
- Blade Number
- Blade Type
- Nominal Fan Diameter
Axial Flow Fan (Direct Driven) — TDA Series

**Dimension**

<table>
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<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>Ø</th>
<th>Weight* (kg)</th>
<th>Max. Motor Frame Size**</th>
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<td>Design</td>
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<td>2073</td>
<td>2130</td>
<td>1400</td>
<td>-</td>
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<td>380</td>
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</tbody>
</table>

*Weight without motor and impeller.
**Please consult KRUGER if motor frame size is beyond the catalogue range. All Dimension in mm.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- Please consult the nearest Kruger office for fan selection at 2900rpm.
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TDA630/12AA/9-9 60Hz

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- Please consult the nearest Kruger office for fan selection at 1750rpm.
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TDA1250/20BJ/6-6 60Hz

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Please consult the nearest Kruger office for fan selection at 1750rpm.
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  Chetsadawith Road, Khok Kham Mueng, Samuthsakorn 74000, Thailand
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  Email: mktg@krugervn.com

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.