AXIAL FLOW FAN  DIRECT DRIVEN

Series TDA

Construction
Double flanged casing is produced in mild steel or galvanised steel, available in short and long cased. The impeller having manually adjustable pitch blades is made of PPG, PAG or pressure-casted aluminium.

Finish
Painting or galvanised after manufacture are normal finishes on all parts.

Operating Temperature
-20°C to +55°C

Motors
Totally enclosed Class 125° 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 start/ delta starting.

Airflow Direction
Air flowing from impeller to motor (B) are fitted as standard. Air flowing from motor to impeller (A) can be supplied on request.

MODEL: TDA- ___ 500/12AA/9-9/___  

Motor no. of pole – 4 or 6
Motor Power kW
Airflow direction – A or B
Blade angle - 12°, 14°, 16°, 18°, 20°, 22°, 24°, 26°, 28°, 30°, 32°, 34°, 36°
Type of casing construction – L or M

* All Dimension in mm

12 x Ø10

TDA-M = 285
TDA-L = 500

LEA500/1.E1 January 2018
Edition 2
Printed on January 2018
- Performance shown is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream.
- The A-weighted sound ratings shown have been calculated per AMCA standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.
**AXIAL FLOW FAN** DIRECT DRIVEN

**Series TDA**

**Construction**
Double flanged casing is produced in mild steel or galvanised steel, available in short and long cased. The impeller having manually adjustable pitch blades is made of PPG, PAG or pressure-casted Aluminium.

**Finish**
Painting or galvanised after manufacture are normal finishes 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 flowing from impeller to motor (B) are fitted as standard. Air flowing from motor to impeller (A) can be supplied on request.

**MODEL:** TDA-__500/12AA/9-9/__

- Motor no. of pole – 4 or 6
- Motor Power kW
- Airflow direction – A or B
- Blade angle - 12°, 14°, 16°, 18°, 20°, 22°, 24°, 26°, 28°, 30°, 32°, 34°, 36°
- Type of casing construction – L or M

* All Dimension in mm

Kriger Ventilation Industries Asia Ltd certifies that the TDA 500 shown herein is tested to meet the AMCA standards. The ratings shown are based on tests and procedures performed in accordance with AMCA publication 211 and AMCA Standard 214 and comply with the requirements of the AMCA Certified Ratings Program.

LEA500/2.E1 January 2018
Edition 2
Printed on January 2018
- Performance shown is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream.
- The A-weighted sound ratings shown have been calculated per AMCA standard 301. Values shown are for inlet 1in(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.
**AXIAL FLOW FAN**

**DIRECT DRIVEN**

**Series TDA**

**Construction**
Double flanged casing is produced in mild steel or galvanised steel, available in short and long cased. The impeller having manually adjustable pitch blades is made of PPG, PAG or pressure-casted Aluminium.

**Finish**
Painting or galvanised after manufacture are normal finishes 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 flowing from impeller to motor (B) are fitted as standard. Air flowing from motor to impeller (A) can be supplied on request.

**MODEL: TDA-__ 500/12AA/9-9/__/**

- Motor no. of pole – 4 or 6
- Motor Power kW
- Airflow direction – A or B
- Blade angle - 12°, 14°, 16°, 18°, 20°, 22°, 24°, 26°, 28°, 30°, 32°, 34°, 36°
- Type of casing construction – L or M

*All Dimension in mm*

**TDA-M = 285**
**TDA-L = 500**

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Lea500/3.E1 January 2018
Edition 2
Printed on January 2018
- Performance shown is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of impingements in the airstream.
- The A-weighted sound ratings shown have been calculated per AMCA standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.
**AXIAL FLOW FAN**

**DIRECT DRIVEN**

**Series TDA**

**Construction**
Double flanged casing is produced in mild steel or galvanised steel, available in short and long cased. The impeller having manually adjustable pitch blades is made of PPG, PAG or pressure-casted Aluminium.

**Finish**
Painting or galvanised after manufacture are normal finishes 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 flowing from impeller to motor (B) are fitted as standard. Air flowing from motor to impeller (A) can be supplied on request.

**MODEL: TDA-__ 500/12AA/9-9/__/**

- Motor no. of pole - 4 or 6
- Motor Power kW
- Airflow direction - A or B
- Blade angle - 12°, 14°, 16°, 18°, 20°, 22°, 24°, 26°, 28°, 30°, 32°, 34°, 36°
- Type of casing construction - L or M

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* All Dimension in mm

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12 x Ø10

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TDA-M = 285
TDA-L = 500
- Performance shown is for installation type D - ducted inlets, ducted outlets. Performance ratings do not include the effects of appurtenances in the airstream.
- The A-weighted sound ratings shown have been calculated per AMCA standard 301. Values shown are for inlet Law(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.