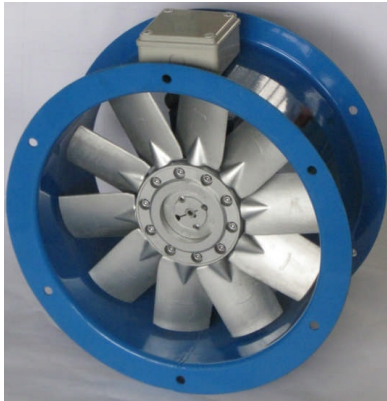


Model: TFA 500 – Tube Axial



- General air movement
- Supply and Exhaust
- Dust Extraction

GT-Gulf (M) Sdn Bhd certifies that the model: TFA 500 – Tube Axial 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 AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program



Casing

- Casing of mild steel hot dipped galvanised
- Motor brackets/pedestals are bolted as standard (welded available)
- Optional: epoxy powder coating

Impeller

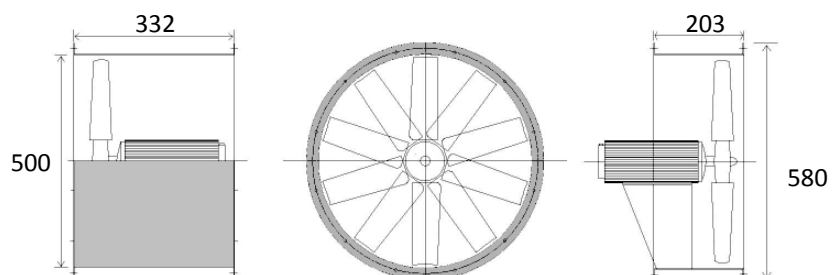
- Pitch adjustment is infinitely variable over a wide range typically 10° to 40°
- Standard blade construction is of high pressure die cast aluminium alloy
- Taper lock bush

Motor

- Totally Enclosed, squirrel cage induction type
- Power supply: 3 phase 415V, 50 Hz
- Suitable for operating temperature range of -35°C to +40°C
- Class F insulation and IP54 protection
- Optional: High efficient, explosion proof

Accessories (optional)

- Inlet and discharge cones/guards
- Flexible connections
- Matching flanges
- Mounting feet
- Vibration isolation mounts
- Access panels
- External terminal box
- Variable speed controls
- Sound attenuators



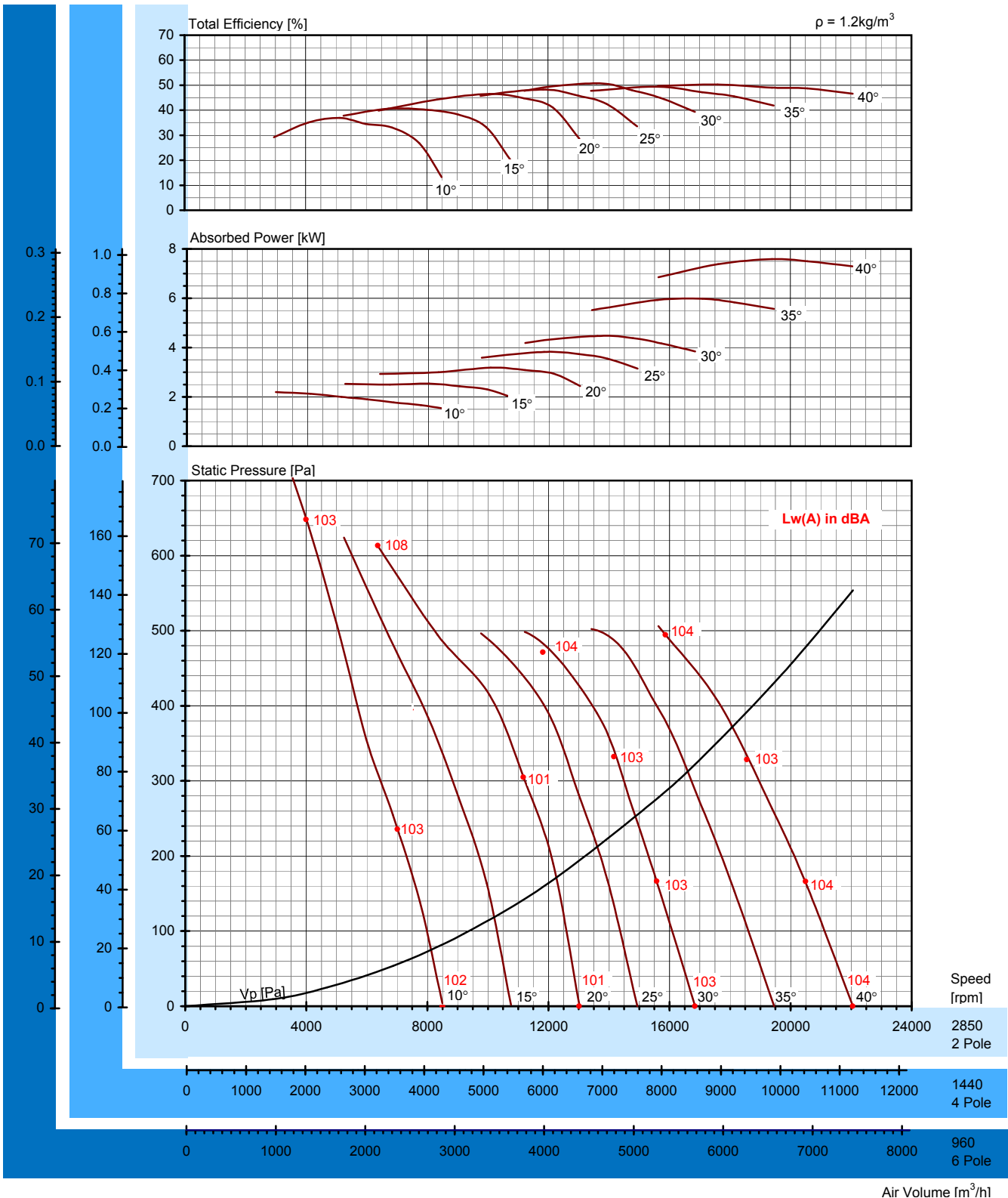
Dimensions (mm)

Adjustable Pitch Angle Axial Fan

SERIES TFA 500

Impeller Code : 500/150

Size : 500 mm



Peak Absorbed Power (kW)

N (rpm)	Blade Pitch Angle							Lw(A) in dBA	Lp(A) at 3m
	10°	15°	20°	25°	30°	35°	40°		
960 motor	0.08	0.10	0.12	0.15	0.17	0.23	0.29	-28	-48
1440 motor	0.37	0.37	0.55	0.55	0.75	1.1	1.1	-17	-37
2850 motor	2.13	2.54	3.18	3.83	4.47	5.98	7.59	0	-20

* Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

* Lp(A) - dBA levels are not licensed by AMCA International



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