



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 galvanizing 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



Kruger 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.



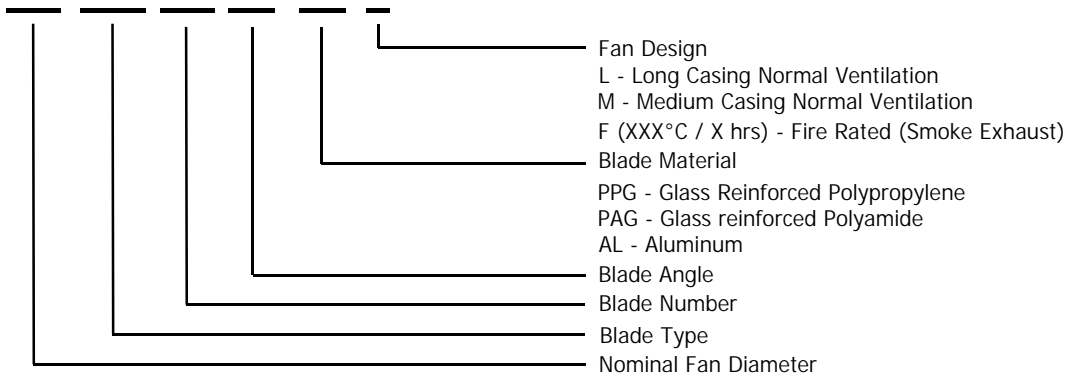
Certified by **TÜV SÜD** which is a leading international service organization focusing on consulting, testing, certification and training.

TDA series was tested in accordance with EN 12101-3:2015.

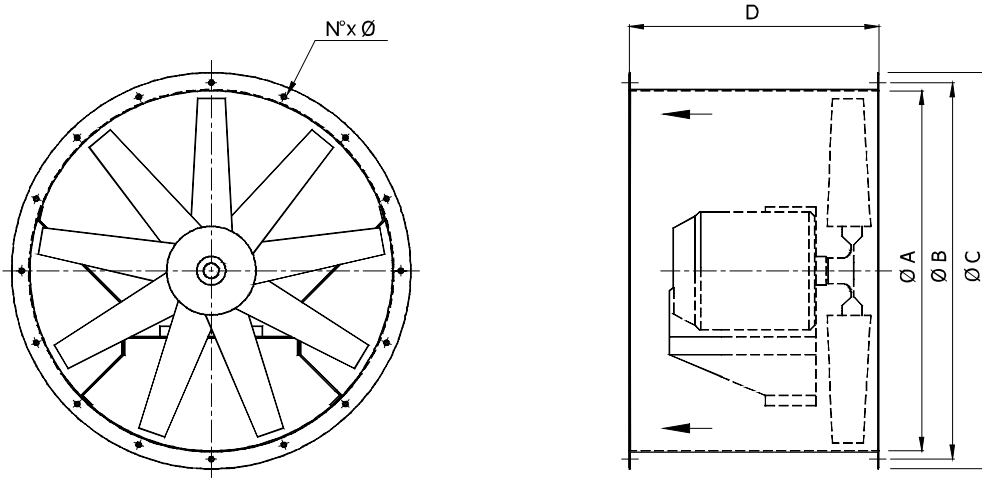
Class	Temperature (°C)	Minimum functioning period (minutes)
F300	300	60
F400	400	120
F _f 250	250	120
F _f 300	300	120

Nomenclature

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



Dimension



Model	A	B	C	D		N	Ø	Weight* (kg)		Max. Motor Frame Size**
				L/F Design	M Design			L/F Design	M Design	
630	630	675	730	500	346	12	10	24	18	D112M
710	710	755	810	500	406	18	12	40	30	D112M
800	800	845	900	560	406	18	12	49	40	D132M
900	900	945	1000	630	495	18	12	66	51	D160M
1000	1000	1050	1100	630	550	24	12	73	57	D160M
1120	1120	1185	1250	900	650	24	12	135	96	D225M
1250	1250	1315	1380	1000	700	24	12	170	147	D250M
1400	1400	1465	1530	1100	770	32	14	220	171	D250M
1600	1600	1663	1730	1250	-	32	14	275	-	D250M
1800	1800	1856	1930	1400	-	32	14	335	-	D280M
2000	2000	2073	2130	1400	-	32	14	380	-	D315M

*Weight without motor and impeller.

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

All Dimension in mm.