

Fan Body and Propeller

Body and fan blades made of high-quality cold-drawn steel sheet DKP , High resistance against corrosion with the environment friendly electrostatic epoxy powder coating, Fan blades in accordance with the standards and dynamically tested according to the ISO 1940, Slim and compact designed motor and propeller need 50% less area comparing to the traditional motors and propellers,

Motor

Top quality manufacturing by CNC machines of high technology without human touch, Motor body equipped with aluminum feathers having high thermal conduction capacity, Long lifespan ball-bearings equipped with the rotor balanced according to the standards of ISO 1940, High operation range for coils of isolation class F is between 40° and +70°,* Thermal protection for the monophase fans, Monophase Fan motor of 230 V / 50 Hz,** Triphase Fan motor of 380 V / 50 Hz,** Components certified and conformed with the standards, Protection Class: IP 54 (It is also possible to produce in the protection class of IP 55) Inverter control (driver control) can be used on the triphase fans ***

* The above operation range is given only for the coils.
Operation range for the motor is between -20° and +45°.
Please contact us for the other options.
** Upon request, productions can also be provided in the various voltages and frequencies.
*** When driver will be used, please contact us for the operation interval.

IP 55

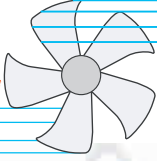


Fields of Use:

To discharge the hot air out of the areas, where air temperature is too high,
To cool the industrial machines, through accelerating heat transfer inside evaporator or condenser,*

* Special productions upon requests, in such cases, the technical data will be changed.



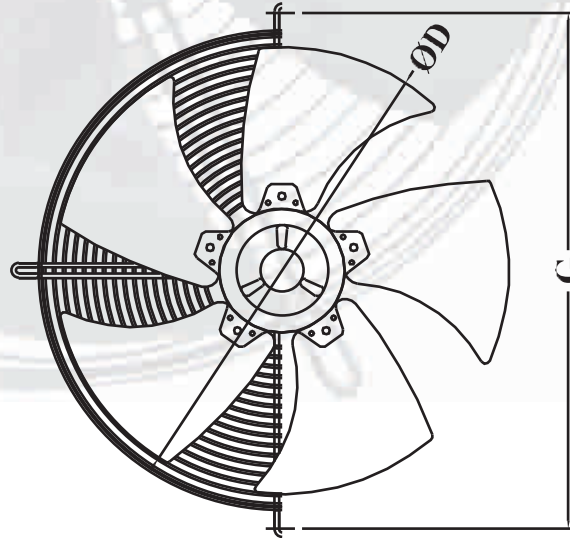
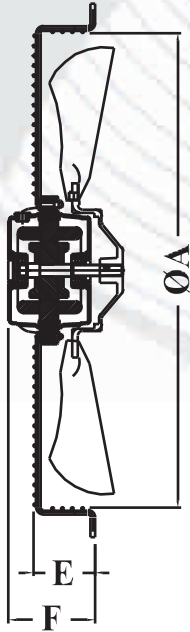


Technical Data

MODEL	Volt (V)	r.p.m.	W	MAX.		dB (A)
				m ³ /h	mm H ₂ O	
FM 30	230 V~50 Hz.	1450	120	2100	8	55
FM 35	230 V~50 Hz.	1420	155	3200	10	61
FM 40	230V~50 Hz.	1420	190	4500	12	62
FM 45	230V~50 Hz.	1410	250	5000	13	66
FM 50	230V~50 Hz.	1400	285	6900	15	70
FT 30	400 V~50 Hz.	1450	160	2100	8	55
FT 35	400 V~50 Hz.	1450	200	3300	10	62
FT 40	400V~50 Hz.	1420	230	4500	12	62
FT 45	400V~50 Hz.	1400	250	5000	14	66
FT 50	400V~50 Hz.	1400	310	6900	15	70



Dimensions

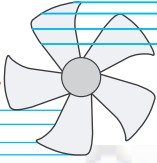


Important Information:

Product data and technical values may vary according to the operation location and conditions. All of the data given herein have been measured according to standards of TSE and EC norms. Noise level measurements have been taken at a distance of 1,5 m from the related product. The recommended lifespan is 10 years. All of our products are certified with the guaranty certificate approved by the Ministry of Industry. Guaranty period is 2 years.

	ØA	ØD	E	F	G	Package Dimensions	Package Pcs	Gross Weight
FM-FT 30	330	300	125	55	360	150 x 400 x 405	1	5,1
FM-FT 35	380	345	125	55	415	150 x 420 x 420	1	6,0
FM-FT 40	430	395	130	55	460	165 x 485 x 500	1	7,2
FM-FT 45	475	450	130	55	505	150 x 525 x 560	1	7,3
FM-FT 50	530	495	130	55	560	175 x 595 x 605	1	7,5

Dimensions are in mm .



Performance Curves

Q= Air Volume (m³/h)
Pa= Static Pressure (Pa ve mmH₂O)

