

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 54

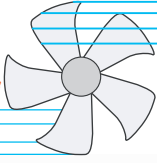


Fields of Use:

To discharge the hot air out of the areas, where air temperature is too high, Warehouses, storerooms and depot areas, Garage and public buildings and agricultural buildings, Commercial greenhouses, Large workshops, Dye-houses, Factories, Dusty and vaporous environments, To cool the industrial machines (such as welding machines , transformers, compressors..) *

* Special productions upon request.



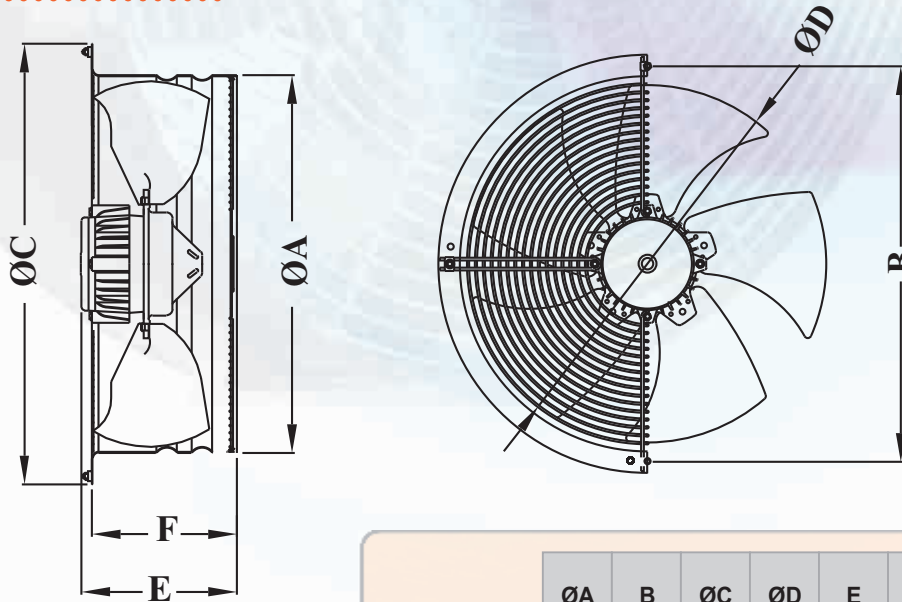


Technical Data

MODEL	Volt (V)	r.p.m.	W	MAX.		dB (A)
				m ³ /h	mm H ₂ O	
SM 30	230 V ~ 50 Hz.	1450	120	2100	8	55
SM 35	230 V ~ 50 Hz.	1420	155	3200	11	61
SM 40	230 V ~ 50 Hz.	1400	175	4500	13	62
SM 45	230 V ~ 50 Hz.	1350	200	5000	14	66
SM 50	230 V ~ 50 Hz.	1300	215	6900	16	71
ST 30	400 V ~ 50 Hz.	1450	160	2100	8	55
ST 35	400 V ~ 50 Hz.	1450	200	3300	12	62
ST 40	400 V ~ 50 Hz.	1420	230	4600	13	63
ST 45	400 V ~ 50 Hz.	1380	240	5200	15	67
ST 50	400 V ~ 50 Hz.	1360	250	7300	18	73



Dimensions

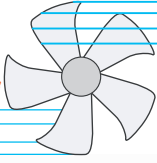


Important Information:

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	B	ØC	ØD	E	F	Package Dimensions	Package Pcs	Gross Weight
SM-ST 30	320	341	370	300	145	125	150 x 385 x 405	1	6,3
SM-ST 35	365	390	415	345	145	125	165 x 430 x 440	1	6,5
SM-ST 40	420	445	475	395	150	125	165 x 485 x 500	1	7,5
SM-ST 45	470	495	525	450	150	125	165 x 525 x 540	1	7,8
SM-ST 50	520	553	580	495	160	125	175 x 585 x 605	1	8,1

Dimensions are in mm .



Performance Curves

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

