

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 ***

Motor equipped with cooling propeller for safe operation under heavy working conditions.

* The above operation range is given only for the coils.

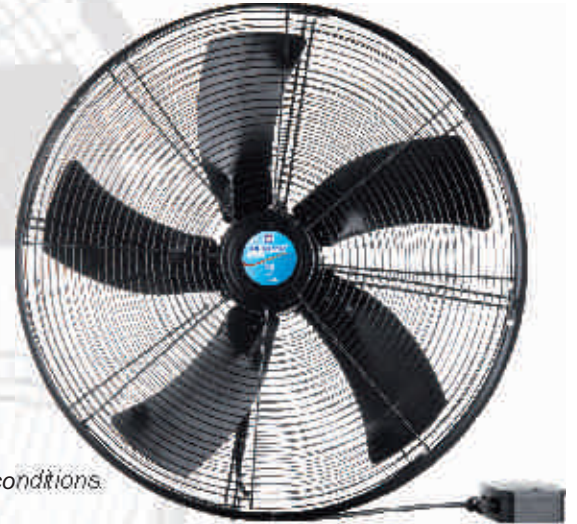
Operation range for the motor is between -20° and +45°.

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

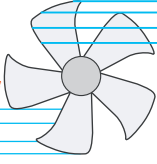


Fields of Use:

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.



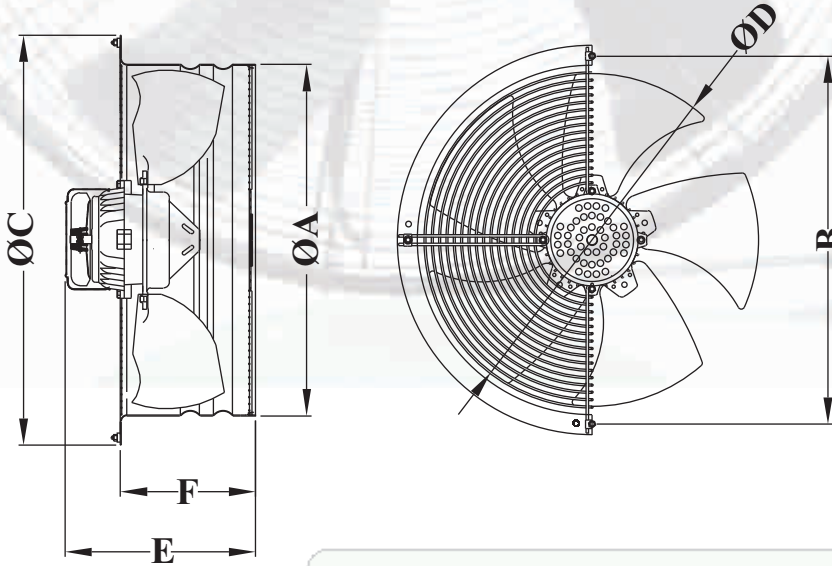


Technical Data

MODEL	Volt (V)	r.p.m.	W	MAX.		dB (A)
				m ³ /h	mm H ₂ O	
SM 30 S	230 V ~ 50 Hz.	1465	130	2300	9	55
SM 35 S	230 V ~ 50 Hz.	1435	160	3250	12	61
SM 40 S	230 V ~ 50 Hz.	1445	190	4500	14	63
SM 45 S	230 V ~ 50 Hz.	1410	210	5000	15	67
SM 50 S	230 V ~ 50 Hz.	1420	240	6900	17	72
SM 60 S	230 V ~ 50 Hz.	1400	420	9700	20	74
ST 30 S	400 V ~ 50 Hz.	1470	150	2320	9	55
ST 35 S	400 V ~ 50 Hz.	1450	190	3300	12	62
ST 40 S	400 V ~ 50 Hz.	1450	200	4550	14	63
ST 45 S	400 V ~ 50 Hz.	1430	240	5100	15	68
ST 50 S	400 V ~ 50 Hz.	1450	250	7100	18	74
ST 60 S	400 V ~ 50 Hz.	1420	430	10100	20	75
ST 70 S	400 V ~ 50 Hz.	1325	610	13500	23	78



Dimensions

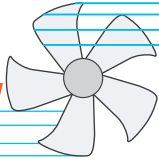


Important Information:

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 S	320	341	370	300	220	125	215 x 370 x 390	1	6,9
SM-ST 35 S	365	390	415	345	220	125	215 x 400 x 420	1	7,5
SM-ST 40 S	420	445	475	395	220	125	220 x 480 x 500	1	8,2
SM-ST 45 S	470	495	525	450	220	125	220 x 530 x 570	1	8,9
SM-ST 50 S	520	553	580	495	220	125	220 x 600 x 610	1	9,6
SM-ST 60 S	623	648	680	580	245	125	260 X 700 X 720	1	11,8
ST 70 S	720	750	780	700	290	165	310 X 780 X 800	1	18,4

Dimensions are in mm .



SM-ST..S Axial Endüstriyel Fans
with cooling propeller

Performance Curves

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

