IP 54

Fan Body and Propeller

Radial body made of high-quality cold-drawn steel sheet DKP,
High resistance against corrosion with the environment friendly electrostatic epoxy powder coating
Forwards curved galvanized impellers and dynamically balanced, according to ISO 1940 standard,
High pressure and flow-rate values with the nozzle application on the suction mouth,
Air entrance area is protected with wire mesh fence or with flow-rate control damper,
in order to prevent the entry of foreign objects inside the fan. *
Strong and well-shaped body structure equipped with the special clamp body connection,
Suction mouth protected with wire mesh fence.

* Special productions upon request

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..

Fields of Use:

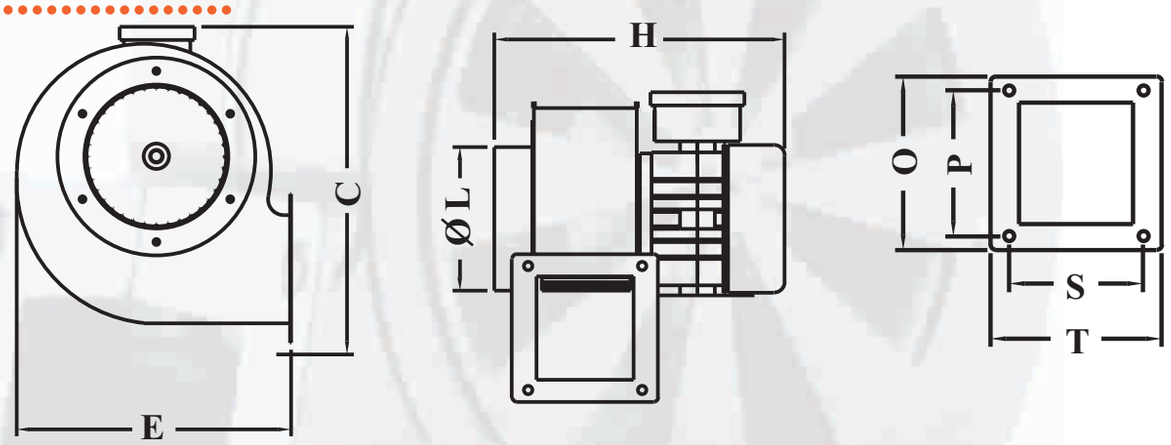
In the channel applications, where pressures and flow-rates of the axial fans are insufficient,
In the heating boilers with solid fuels,
To discharge the hot air out of the areas, where air temperature is too high,
- Warehouses, storerooms and depot areas,
- Garage and public buildings and agricultural 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_2O	
CSM 215.2	230 V~50 Hz.	2800	1100	2350	140	75
CST 215.2	400 V~50 Hz.	2800	1100	2350	140	75

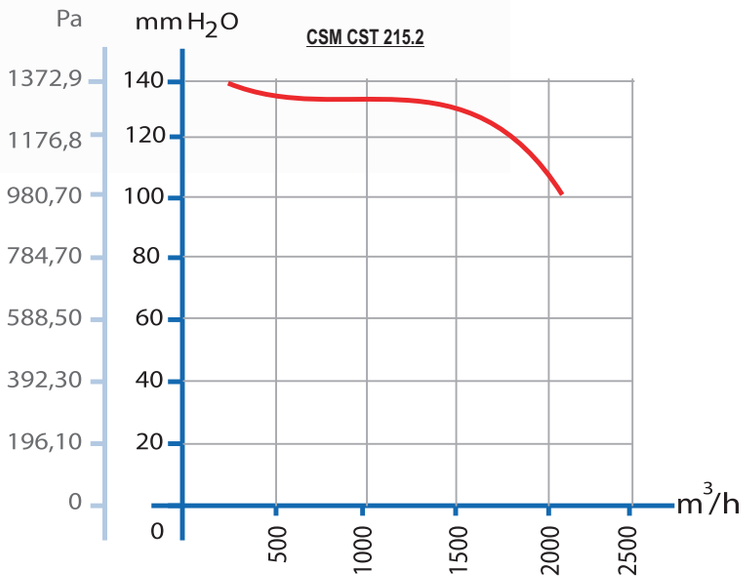
Dimensions



	C	E	H	QL	O	P	S	T	Package Dimensions	Package Pcs	Gross Weight
CSM 215.2	355	345	366	241	155	125	145	173	360 x 360 x 450	1	17,2
CST 215.2	355	345	366	241	155	125	145	173	360 x 360 x 450	1	17,2

Performance Curves

Q= Air Volume (m^3/h)
Pa= Static Pressure (Pa ve mmH2O)



Important Information:

Product data and technical values may vary according to the operation location and conditions.All of the data given herein have been measuredaccording 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 lifespanis10 years.
All of our products are certified withthe guaranty certificate approved by the Ministry of Industry.
Guaranty period is 2 years.