

Fans

Centraxial and Mixed Flow Fans



CNX/MXF Series

Applications

Traction motors

Brake resistors

Forced ventilation systems

Designed to combine the high pressure levels obtained by the centrifugal fans with the advantages of size and ease of installation given by the axials, the CNX and MXF Series are based on COMET's decades of experience in the design and production of high-performance axial fan units.

The CNX and MXF Series provide maximum pressures which are 50% higher than those of the correspondent axial, in their typical range of airflows. This is achieved with dimensions comparable to those of a conventional axial fan.

Besides the advantage in terms of performances, these products also offer distinct low-noise characteristics. Sound emissions are comparable to centrifugal units, allowing in many cases to avoid the use of silencers or reducing the impact of noise insulation systems.

This is offered together with the usual flexibility of design and construction which characterizes COMET's products, making them suitable for the most demanding applications and critical duties.

General Characteristics

- Impellers in carbon steel, stainless steel or aluminium, with straight, curved or profiled blades
- Three-phase motors IP55/IP65, with Class F or H insulation, 50/60Hz, suitable for inverter supply
- Casings in carbon steel or stainless steel, electro-welded
- Finishing by 3-layers epoxy-pack painting, certified for 500 hours salt mist test resistance, or hot-dip galvanization
- Single or double array of fixed vanes for performance increase, optimized for the application

Wide range of ancillary parts and customizations

Versions with special materials, special dimension, motors according to customer's specifications.



Microelettrica Scientifica

Fans

Centraxial and Mixed Flow Fans: CNX/MXF Series



CNX



CNX

Technical Data

Series	Diameters [mm]	Characteristics	Pressure	Power [kW]
CNX	400 ÷ 1400	Centraxial	up to 4500Pa	1.5 ÷ 55
MXF	300 ÷ 800	Mixed-Flow	up to 4000Pa	1.5 ÷ 45



KNORR-BREMSE



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