



MANGAN INDUSTRIAL GROUP

AXIAL FAN

Mangan Axial Fan

Mangan Axial Fans are the result of intensive cooperation with well-known research institutions, the use of the latest tools for product development (CFD, FEM,...) and million investments in up-to-date manufacturing technology. Mangan axial fans are suitable for ventilation and for conveying air and smoke for various applications with all capacity upon request.

Some Key Benefits:

- Aerodynamically optimised impeller with profiled single blades
- Adjustable blade angle
- Impeller made of a highly corrosion-resistant alloy
- High efficiencies at low sound levels
- Wide range of accessories and special designs

Application

- Mine ventilation
- Air-cooled condensers
- Cooling towers
- Air-cooled heat exchanger
- Emergency ventilation - smoke control
- Hangar/large area ventilation



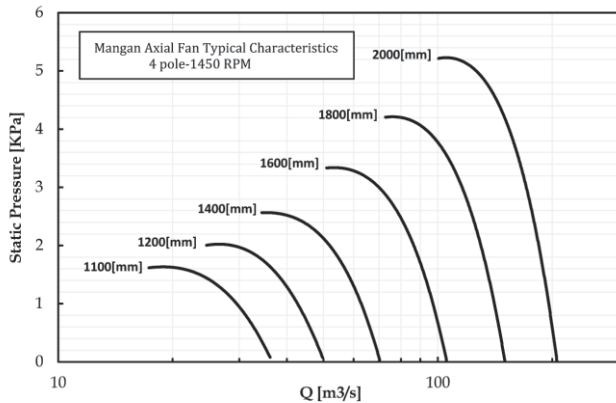


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Mangan Axial Fan at a Glance

The Mangan Axial Fan range of long cased medium/high pressure is available in sizes from small up to 2.5 m nominal diameter. The adjustable pitch angle setting offers a wide performance and maximum flexibility to match precisely individual airflow requirements. The Mangan Axial Fans have been performance tested in accordance with standards and ventilation regulations compliance has been checked through the test rig before delivery.

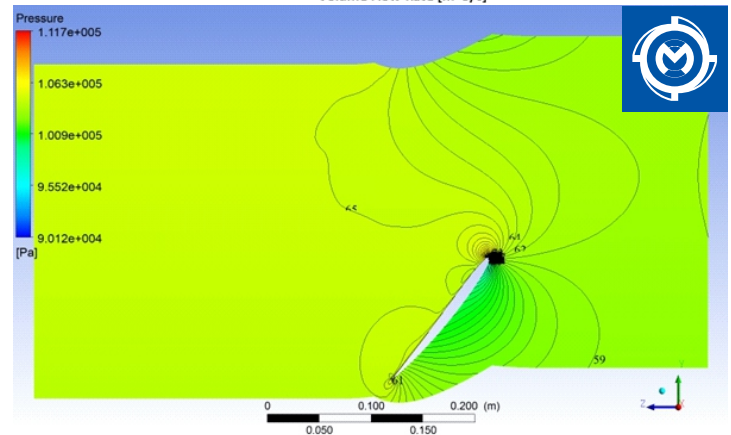
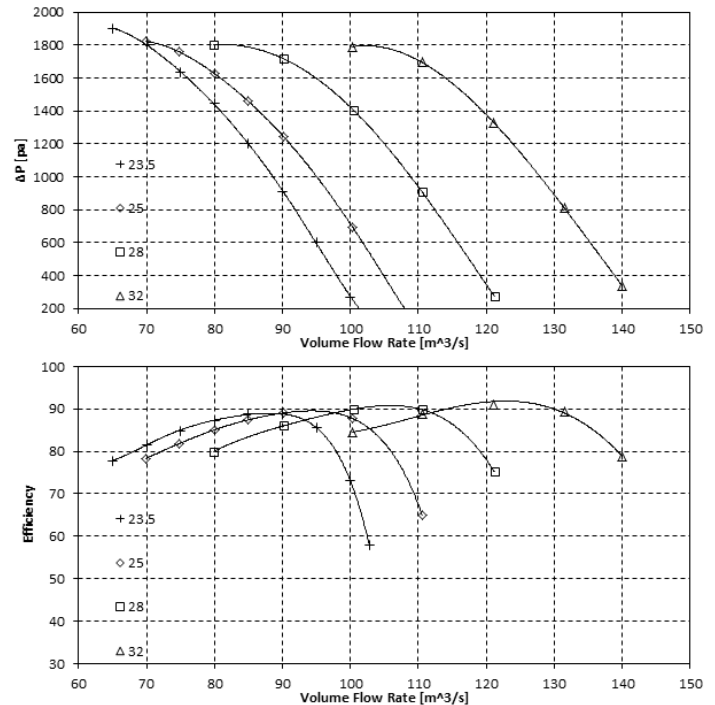


Performance Analysis and Tests

Aerodynamic and acoustic numerical analysis and simulations as well as structural analysis are done for each new design to verify design methodology before construction of new products. Tests procedure definition based on international regulations are carried out for each product for standards compliance before delivery. These verification methods all together make Mangan products reliable and well known for all customers

Axial Fan Department

Mangan Axial Fan production policy in Axial Fan is based on: Trust in the product and producer, safety in the application, lowest possible energy consumption, good and matching functionality, the cost benefit ratio, a space saving design, the delivery just in time and many more. Our experts will be pleased to help you in all these questions and be at your disposal.



No. 401, Hefdah Shahrivar Ave.Km 5 Old Karaj Road Tehran-Iran

Po Code: 13787-56111

Tel: +98 21 66 80 33 64

Po Box: 13865-193

Fax: +98 21 66 80 13 75



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