

CIKSTORM

Backward centrifugal plug fan
for industrial applications

PLUG FANS



Plug fans

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◦ Manufacturing features

- Centrifugal fan of medium pressure direct coupling type plug fan.
- Square frame made of carbon laminated steel, protected against corrosion by coating C3 finished paint.
- Self-cleaning turbine and reinforced impeller of high performance backward blades made of carbon laminated steel dynamically balanced to minimize noise and vibrations. C3 black paint.
- IE3 motor for continuous operation (S1). Standardized asynchronous squirrel cage motor with IP-55 protection and class F electrical isolation. Standard voltages 230/400V 50Hz for three-phase motors up to 4kW and 400/690V 50Hz for higher powers.
- Motor with flange (B5) and airtight shaft.
- Maximum continuous working temperature: ambient (motor): 60°C.
- Suitable for transferring gases from -40°C to 120°C continuously.

◦ Applications

Plug fan installation for gas recirculation in:

- Integrated in Machinery.
- Paint booths.
- Dryers of tobacco leaves, barley, ceramics, glass, wood.
- Odor control in industry.
- Indoor / Outdoor pollution control.
- Clean air drive and renewal.
- Big buildings.
- Malls
- Factories / Industrial buildings.
- Warehouses.
- Manufacture and treatment of chemical products.

◦ Under request

- Fans for special voltages.
- Refrigeration roll.
- 2 speed motor.
- C5 corrosion protection.
- Anti-caloric paint.
- Inox 304.
- Inox 316.
- Spark construction.
- Other construction sizes.
- Other motors according to customer requirements.

Plug fans

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◦ Range



◦ Accessories



INT

Safety switch.



SFC

Frequency speed controller.



CLBI

Inlet for PLUG FAN in cabinet.



CLBC

Inlet for PLUG FAN in cabinet.



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