

revolving precision



industrial fans & blowers



contents

Company Profile	3
Model Coding System (How to Order)	3
Features & Applications	4
External Rotor Motors	5
Axial Flow Fans	6
Axial Flow Fans Accessories	9
Centrifugal Blowers	10
Backward Curved Fans	14
Cross Flow Fans	15



Factory at Bilimora, Gujarat

company profile

Rotech manufactures External Rotor Motors, Axial Flow Fans and Centrifugal Blowers. These products are used for a wide range of Industrial and HVAC applications as detailed in this catalogue. Our External Rotor Motors are manufactured to EN 60335-1 standards.

Rotech is an ISO 9001 certified company. We have an experienced team of workmen and a contemporary manufacturing set-up. The manufacturing facility is equipped with State-of-the-Art Machinery having CNC controls which can cater to bulk requirements. Rotech products are well known in the industry for their quality and reliability. Every product goes through stringent quality checks to ensure life long guarantee of trouble free performance.

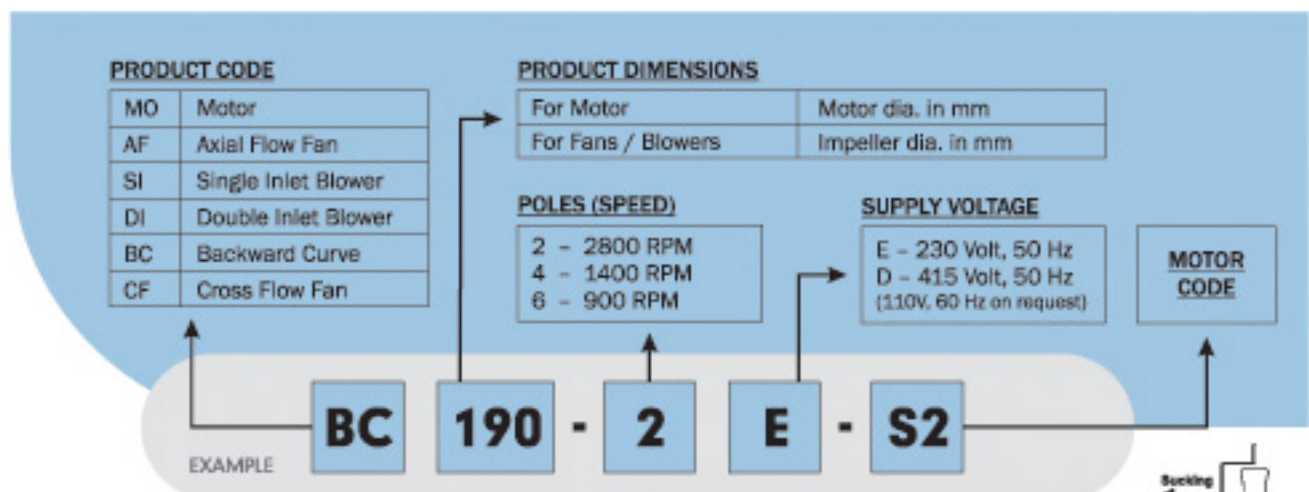
Rotech constantly focuses on developing and innovating new products. Committed to manufacturing & supplying innovative high quality products, Rotech has a long list of faithful clients, in this age of brand switching. Almost all products are used by leading industries or wherever product quality counts.



ISO 9001 : 2008 Certified Company

model coding system

HOW TO ORDER



NOTE : For Axial Flow Fans the following additional details need to be specified :

- Air Flow Direction** - Reverse/Suction (R) [From Blade to Grill] **QR** Forward/Blow (F) [From Grill to Blade]
- Accessories** - Flat Grill (FG), Basket Grill (BG), Exhaust Frame (EX), Housing (H).

Example for Axial Flow Fan : AF200-2E-S2-RBG

salient features

- Manufactured to EN 60335-1.
- Compact in size.
- Continuous rating with high efficiency.
- Variable speed by changing input voltage or frequency.
- Dynamically balanced in 2 planes as per grade 6.3 of ISO 1940-2000; VDI 2060.
- Winding surge and H.V. Tested.
- Double shielded pre-lubricated ball bearings.
- Low noise.
- Maximum ambient temperature 55° C.

applications

MOTOR WITH EXTENDED SHAFTS

- Water pump drives in room coolers and humidifiers.
- Laboratory stirrers.
- Air curtains and cross flow fans.
- Evaporator units in split AC's.

AXIAL FLOW FANS

(Applications requiring high air volume and low pressure)

- Instrumentation and electrical panel cooling.
- UPS systems.
- Condenser fans in air conditioning & refrigeration.
- Walk in coolers and deep freezers.
- Welding sets and rectifiers.
- Lift cabin fans.
- Industrial & domestic exhaust fans.

CENTRIFUGAL BLOWERS

(Applications requiring high static pressure with low volume)

- Cooling AC/DC drives.
- HVAC applications.

BACKWARD CURVED FANS

(Applications requiring high static pressure at inlet)

- Roof extractors.
- Electrical panel cooling.
- Thyristor panel cooling.

CROSS FLOW FANS

(Applications requiring air at low velocity)

- Lift cabin cooling.
- Electrical panel cooling.
- HVAC applications.

NOTE

- All air performance measurements are carried out on test rigs in conformance with IS 3588. All products are tested with the direction of air flow in "suction" condition.
- All sound measurements are carried out in an acoustic test room, usually at a distance of 1 meter from the fan. The sound levels given are the A-weighted overall sound power level.