

BACKWARD CURVED IMPELLER - DIRECT DRIVE FRC Series

FRC

Direct drive, single inlet centrifugal fan.

Manufactured from steel sheet protected with anti-corrosion polyester paint coating. Backward curved impeller made of plated sheet steel or steel sheet protected with anti-corrosion polyester paint coating, dynamically balanced. Designed to continuously circulate air from -20°C up to 60°C. Suitable for transporting clean air.

Motors

, 4 or 6 pole, IE-3* high efficiency, three-phase 230/400V 50Hz up to motor size 132 and 400/690V 50Hz for higher motors. IP55, Class F protection.

* From 0,75kW, motor can be IE-2 and controlled by VSD.

On request Manufactured from different materials. 2-speed

motors. 60 Hz versions. Painted in different RAL colour. Hot dip galvanized scroll. High-temperature versions (up to 150°C) (B versions: with cooling impeller). Inspection door, draining, different seals on scroll and shaft access.



ATEX

ATEX versions On request, explosion proof versions in accordance with ATEX directive for three phase models: Ambient temperature -20°C to +60°C, ambient pressure (abs.) 0,8 bar to 1,1 bar according to EN 14986. Gas: 2G IIB T2-T3-T4, Motor Exd IIB or Exell 2G IIB+H2 T2-T3-T4, Motor Exdlc 3G IIB T2-T3-T4, Motor ExnA (only for 3G zone) 3G IIB+H2 T2-T3-T4, Motor ExnA (only for 3G zone) Non-conductive dust: 2D IIIB T125°C-T135°C-T195°C T295°C 3D IIIB T125°C-T135°C-T195°C T295°C Conductive dust (compulsory IP 65 motor): 2D IIIC T125°C-T135°C-T195°C T295°C 3D IIIC T125°C-T135°C-T195°C T295°C

Attributes



Backward curved impeller