HIGH PRESSURE FORWARD BLADES IMPELLER - DIRECT DRIVE

FA-R



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Direct drive, single inlet centrifugal fan. Manufactured from carbon steel protected with cataforesis primer + polyurethane paint finish RAL 7045.
Working temperature range: **-20ºC/+100ºC continuously.Standard arrangements** •
Arrangement 4: Impeller mounted on the B3 motor shaft supported by the pedestal. Version with cooling disk up to +220°C.
 • Arrangement 5: Impeller mounted on the B5 motor shaft fitted on the casing sideplate. Version with cooling disk up to +220°C.
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Arrangement 8: Flexible coupling that connects the motor to the fan shaft. Version with **cooling disk up to +300°C.Motors2 pole, IE3* high efficiency,**
three-phase 230/400V 50Hz up to motor size 112 and 400/690V 50Hz for higher motors. IP55 protection, class F.
*From 75kW to 200kW, the motor will be IE4.
<br **/>On request• Manufactured from different materials.• 60 Hz**
versions.
• Painted in different RAL colour.
• Hot dip galvanized static parts.
• Corrosion proof construction.
• Wear proof construction.
• Motors for special applications.
• Motors suitable for VSD.
• Accessories: Flexible joints, inspection door, casing drain, AV-mounts, protection nets, filter, silencer, inlet discharge governor, valves, dampers.
• Gas tight construction.
• Thermal insulation.

ATEX

ATEX versionsOn 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 ExeII2G IIB+H2 T2-T3-T4, Motor ExdIIc3G 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°C3D IIIB T125°C-T135°C-T195°C-T295°C• Conductive dust (compulsory IP 65 motor):2D IIIC T125°C-T135°C-T195°C-T295°C3D IIIC T125°C-T135°C-T195°C-T295°C

Attributes



Radial impeller

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