



RADIAL IMPELLER FOR MATERIAL TRANSPORT - BELT DRIVE KC-R

KC-R

Belt drive, single inlet centrifugal fan. Manufactured from carbon steel protected with cataforesis primer + polyurethane paint finish RAL 7045.
Working temperature range: -20°C/+100°C continuously. Version with cooling disk up to +300°C.

Standard arrangement

- Arrangement 1: Bare shaft without transmission and motor.
- Arrangement 9: Belt drive. Motor fixed aside the support frame.
- Arrangement 12: Belt drive. Fan and motor fitted on the base frame.

Motors

2, 4 or 6 pole, IE3* high efficiency (the rpm of each motor will be adapted according to the calculation for each drive), three-phase 230/400V 60Hz 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.

On request

- Manufactured from different materials.
 - Painted in different RAL colour.
 - Hot dip galvanized static parts.
 - Corrosion proof construction.
 - Wear proof construction
 - Motors for special applications.
 - High temperature construction (up to +600°C).
 - 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.
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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 Exell2G IIB+H2 T2-T3-T4, Motor Exdllc 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



Forward curved impeller for material transport

