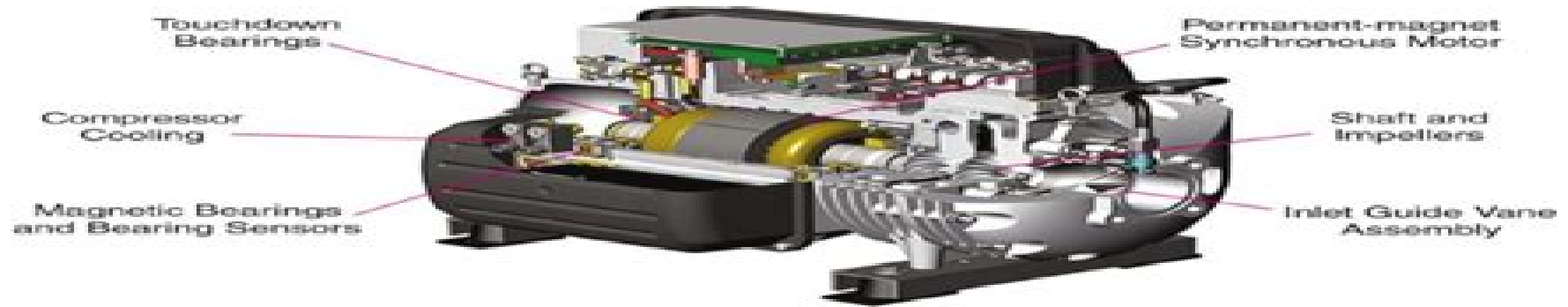


FRICTIONLESS COMPRESSOR TECHNOLOGY



Name – NIKHIL GOGIA
 Roll No - 10/FET/M(S)/2094
 Branch - Mechanical
 Section - B

Introduction Frictionless Compressor Technology

- A new compressor technology introduced during the 2003 International Air-Conditioning, Heating, Refrigerating Exposition (AHR Expo) in Chicago
- It may have a help in future of mid-range chillers and rooftop applications in water-cooled, Evaporatively cooled, and air-cooled chilled water and direct-expansion (DX) systems.
- Frictionless compressor is run by uses of magnetic bearing technology
- This compressor was awarded the first AHR Expo Innovation Award in the energy category, as well as Canada's Energy Efficiency Award for its potential to reduce utility-generated greenhouse- gas emissions.



Frictionless Compressor Technology

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