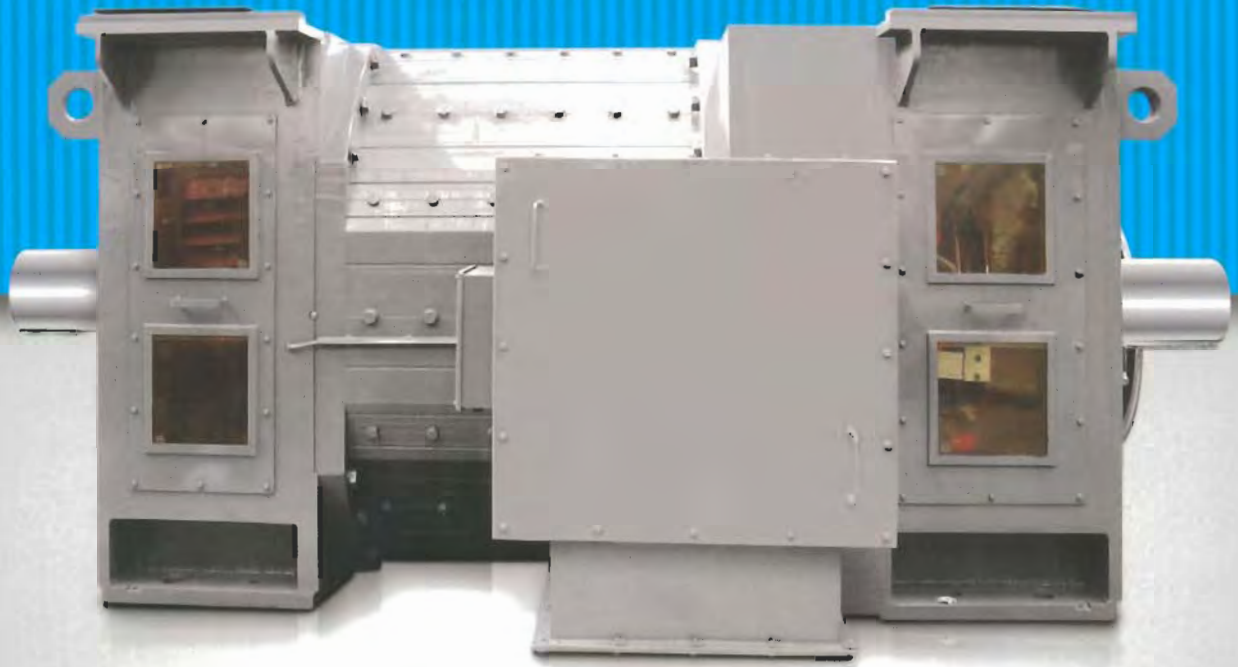


DC MACHINES

EXTRA LARGE RANGE



IEC FRAMES 560 TO 900
800kW at 500RPM
to
2500kW at 160RPM



INTEGRATED ELECTRIC COMPANY PVT. LTD.
Bangalore, India

Established in 1982, Integrated Electric Company Pvt. Ltd. (IEC) manufactures high quality rotating machines, drives and controls for a wide range of industrial and other applications.

IEC's product basket includes the following:

- ◆ DC Motors between 0.37kW at 1500RPM and 2500kW at 160RPM
- ◆ AC Motors between 0.12kW and 750kW
- ◆ AC Generators between 7.5kVA and 320kVA
- ◆ AC Drives upto 300kVA with active front end convertors having full regeneration capacity
- ◆ Various configurations of DC and AC hybrid generators.

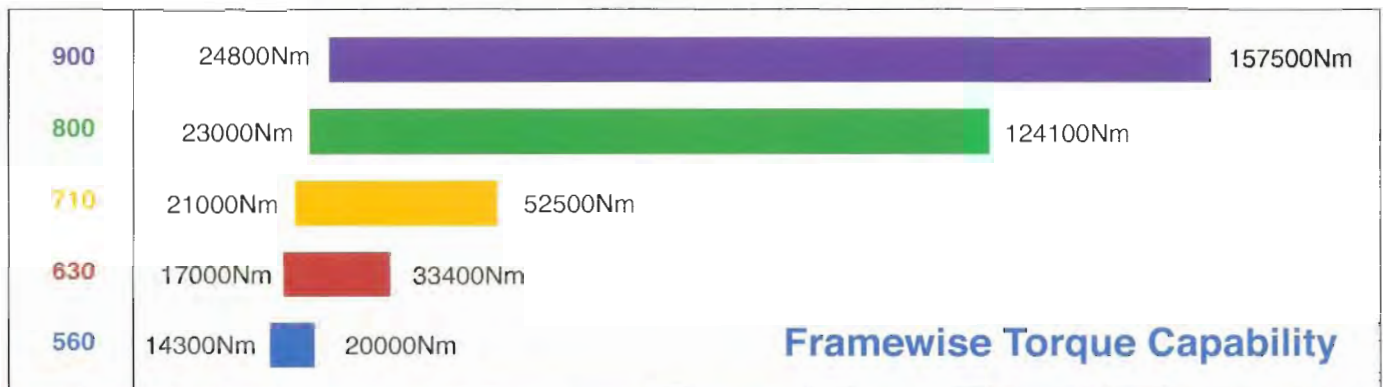
IEC has state of the art facility to manufacture and test these machines. The company has been ISO 9001 certified since 1998 and spares no effort to ensure that a high level of quality is maintained. IEC practices continuous improvement and strives to deliver a higher value to the customer year after year.

IEC's Extra Large range of motors consist of IEC frame sizes 560, 630, 710, 800 and 900 and are available in a range between 14300 and 157500Nm.

They are used in a variety of demanding applications like Main Drives and Coilers in Cold Rolling Mills, Main Mill Motors in Slab and Steckel Mills, High Speed Blocks in Bar Mills, Main Mill Drives in Sugar Plants, Kiln Drives in Cement Plants, Draw Bench, Cold Pilger, Assel Mill and Piercing Mill Motors in Tube Mills, Drive Motors for Rubber Mixers, Test Rig Motors etc.

Salient Features include:

- ◆ Laminated Yoke Construction
- ◆ Conformance to BS5000, IS4722 and IEC 60034 standards
- ◆ Class H insulation scheme with the temperature rise restricted to Class F limits.
- ◆ di/dt capacity is 200 times the rated current
- ◆ Sparkless commutation for all normal designs
- ◆ All machines have compensation windings
- ◆ Mechanical & Electrical Specialities are readily incorporated



By nature of the applications that they are used in, these motors are not standard and are tailor-made based on individual customer requirements. Please contact our marketing department and we will be happy to provide you detailed technical information and help you select a motor for your specific application.



INTEGRATED ELECTRIC COMPANY PVT. LTD.

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