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

INTEGRATED ELECTRIC COMPANY PVT. LTD.
Bangalore, India

IEC's product basket includes the following:

- DC Motors between 0.37kW at 1500RPM and 2500kW at 1600RPM
- AC Motors between 0.12kW and 750kW
- AC Generators between 7.5kVA and 320kVA
- AC Drives upto 300kVA with active front end converters having full regeneration capacity
- Various configurations of DC and AC hybrid generators.

IEC has state-of-the-art facilities 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 14500 and 157500Nm. They are used in a variety of demanding applications like Main Drives and Coller Rolling Mills, Main Mill Motors in Slab and Steckel Mills, High-Speed Blocks in Bar Mills, Main Mill Drives in Sugar Plants, Klin Drives in Cement Plants, Draw Bench, Cold Sliger, Assel Mill and Piercing Mill Motors in Tube Mills, Drive Motors for Rubber Mixers, Test Rig Motors etc.

**Sallent 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.
- 20/4t capacity is 200 times the rated current
- Sparkless commutation for all normal designs
- All machines have compensation windings
- Mechanical & Electrical Specialties are readily incorporated

<table>
<thead>
<tr>
<th>Frame Size (Nm)</th>
<th>Torque (Nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>560</td>
<td>14,900 Nm</td>
</tr>
<tr>
<td>630</td>
<td>17,000 Nm</td>
</tr>
<tr>
<td>710</td>
<td>21,000 Nm</td>
</tr>
<tr>
<td>800</td>
<td>23,000 Nm</td>
</tr>
<tr>
<td>900</td>
<td>24,800 Nm</td>
</tr>
<tr>
<td>157500 Nm</td>
<td></td>
</tr>
</tbody>
</table>

Framewise Torque Capability

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.

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