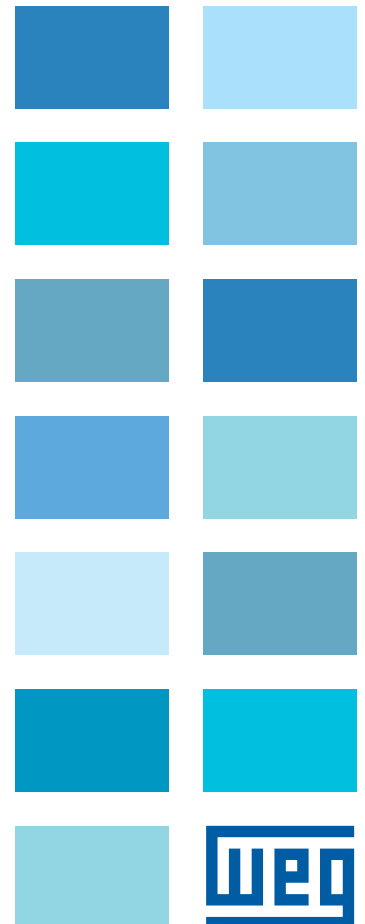
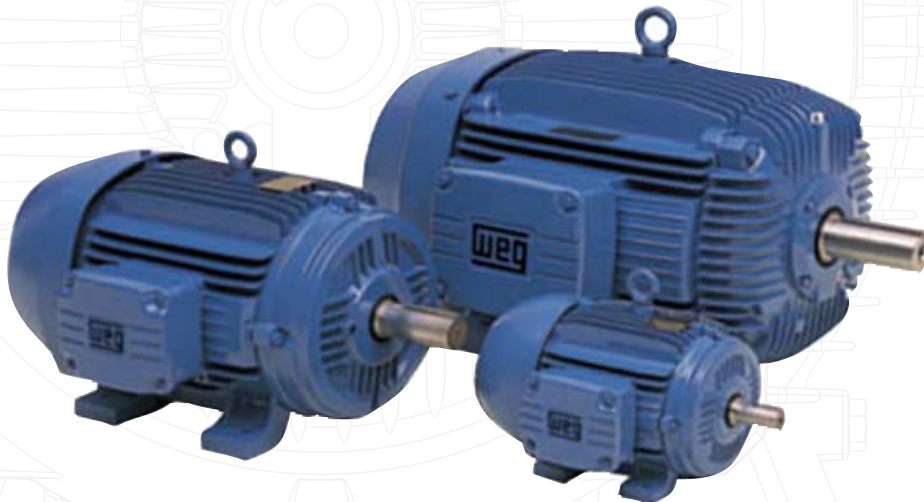


Severe Duty Motors

Meets NEMA MG1
Part 31.4.4.2

- Tough
- Reliable
- Durable
- Quality





Advantages

- Severe Duty Motor at a Standard Motor Price
- Lower noise level (smaller fan and fan cover with improved aerodynamic features)
- Optimized bearing cooling system
- Improved dust protection along with better protection against fibers on the fan cover
- Fan cover allowing easy use of a second shaft end
- Painting RAL 5007 (Blue W21) exceeds IEEE841 specifications
- High Efficiency - Exact Efficiencies
- All ratings are suitable for use with variable frequency drives

Improved Insulation System

Insulation. NMN (Nomex Mylar Nomex) for frames 364T up to 586/7 impregnation resin (100% solids - resin varnish). The thickness of the insulation was increased by 60% in the slot bottom, to provide higher abrasion resistance and stiffness, which reduces insertion problems during the winding process. Phase Insulation. The insulation system between phases was modified. New material, layout and shape provide greater flexibility, improved saturation (resin absorption) tensile strength and conformity. Copper Wire. An overcoat of insulation is provided on all wire gauges to achieve better mechanical strength during the winding process. Winding Process. A change in the winding insertion process has resulted in a reduction of mechanical stress Impregnation System. The polyester resin is Class H insulation. The new impregnation system eliminates air bubbles thus eliminating electrical discharge (the Corona Effect). The Corona Effect destroys organic materials such as films, resins and varnishes. This improvement is critical to frequency inverters. In addition, the combination of NMN or DMD with resin impregnation increases the mechanical, electrical and thermal strength.

Please contact your authorized distributor:



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