

3 Reasons why you should choose Ultra vertical motors.



NEMA
Premium

CSA
C US

VFD
READY
NEMA
MG1
PART 31

1. Safety

- Industry matching CD dimensions.
- Heavy-duty Cast-Iron frame.
- Space Heaters: Protect the motor and motor winding insulation during standstill periods against moisture.
- Multi-direction Cast-in Lifting lugs.
- WPI motors including effective stainless-steel rodent protection screen design 0.25 square IP23.
- UL Fire Pump approval

2. Reliability

- Industry matching CD dimensions: Use GE motor to replace another motor brand installed. The CD dimensions are the same.
- Rolled steel top hat is more robust compared to plastic or plexiglass.
- Thrust capability 25% above industry standard.
- Extended bearing life able to meet 100,000 hour (~12 year) requirement.
- 3 Year Warranty.
- Insulated bearing and Aegis® SGR Standard (on ULTRA PLUS Motors).
- No water cooling required for thrust bearings.
- Reliable ball type non-reverse ratchet system operates as low as 150 RPM.

3. Quality

- All motors have insulation suitable for VFD Duty.
- GEGARD2400 inverter duty insulation system in the Ultra products exceeds NEMA MG1-31 (tested to withstand corona inception voltage of 2400 volts peak @ 0.1 seconds).
- Precision RCF data (+/- 5%)
- Temperature rise – Average 30% below class B rise.
- Standard Class H insulation (180°C): Throughout all NEMA Ultra products, providing an excess thermal margin to combat application hazards such as, higher ambient, overload, caking and coating.



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