

# HYUNDAI Premium Efficient Medium Voltage Motors



## Stock Motor Highlights

- Induction brazed end rings. The end ring (connector) is the means of connecting all the copper rotor bars of the rotor assembly. Induction brazing is the preferred method of brazing, as it heats the entire end connector at one time, allowing the brazing action to be completed in one step. This method ensures a better weld and limits the potential of cracked welds and ring distortion when compared to the heating, cooling and reheating of each of the rotor bars.
- Swagged rotor bars for reliability, low noise and low vibration. This is an extra step Hyundai uses to ensure that the rotor bars are tight within the rotor laminations.
- Low noise design, 85 dB(A) no load at 1 meter.
- Oversized conduit box allows plenty of room for connections.
- Inverter rated for 2:1 constant torque and 20:1 variable torque applications when the service factor is derated to 1.0.
- Class F insulation - Vacuum Pressure Impregnation.
- Premium bearings - SKF, NSK or FAG.
- Includes 100 ohm stator RTD's and 120 volt space heaters.
- A premium motor for a price that is less than the competitors standard offering.
- Direct coupled and belted applications ready for shipment in our warehouses.
- Flexible mounting options with multiple 2F dimensions on NEMA frames. All motors have at least two 2F dimensions. This allows more flexibility when trying to match existing bases.

