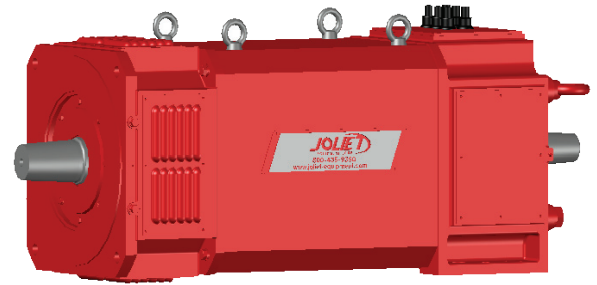


Joliet Electric Motors

is committed to delivering integrated motor solutions to existing rig fleets and new builds. We focus on proven solutions that improve operational efficiency.



RATINGS:

Maximum Continuous Power: 600HP (447 KW), 2694 lb-ft., 570 Amps, 575 VAC, 1175 RPM
Constant Output Speed: 1175 – 1650 RPM

Max RPM: 2700

FEATURES & SPECIFICATIONS:

- Robust Frame & Core Design.
- FORM WOUND Copper Design.
- Class H Insulation - VPI - Sealed.
- VFD Duty.
- Shaft Options: Splined Shaft, Standard Single or Dual Shaft Extension.
- Insulated Ball Bearing to handle High Thrust Loads.
- Platinum 100 Ohm Winding RTD's, (2) per Phase.
- Double Tapered Shaft - 4340 Alloy.
- Frame: 280
- IP23W Air Outlet.
- IP56 Connection Box (Remote or Top Motor Mount).
- Blower (Remote or Side Mount)
- Approx. Weight: 3,308 lbs. (Less Blower)

ENGINEERING DATA:

- Dielectric Test: 4025 V (900*2.25+2000, 900 V is inverter input Voltage).
- Permissible Vibration +/- 73.5 m/S² (+/-7.5G).
- Noise (@ No-Load): Approx. 91 dB(A) at 1m from motor frame.

Rating:

Output (HP):	600
Output (KW):	447
Voltage (V):	575
Current (A):	570
Speed (min-1):	1175
Frequency (Hz.):	40
Efficiency (%):	93.1
Power Factor (%):	84.6
Slip (%):	2.1

Continuous: