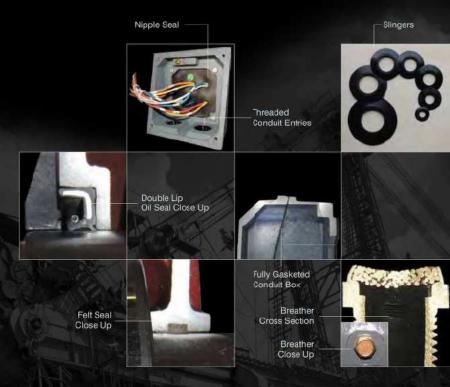
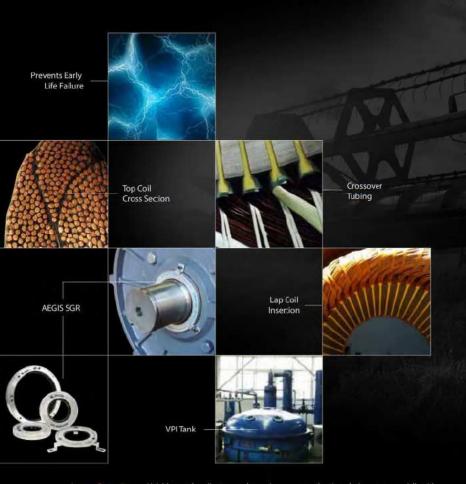


Ingress Protection – Contaminants and moisture can lead to early life failure of a motor Techtop has gone the extra mile in engineering a system of seals, gaskets and drains that protect our bearings and internal motor components from damage due to these foreign invaders. Wherever your Techtop moor finds itself it will be protected from the environment and ready for a long productive life.

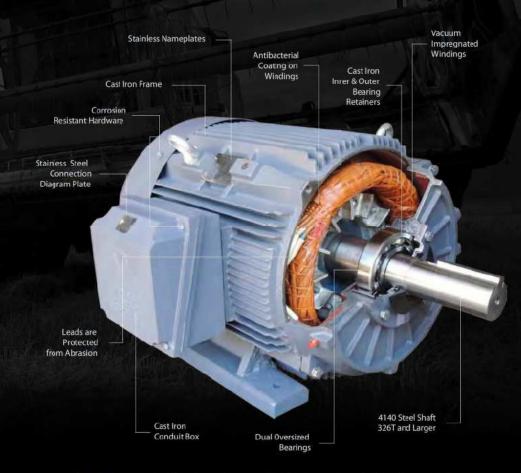


Inverter Protection

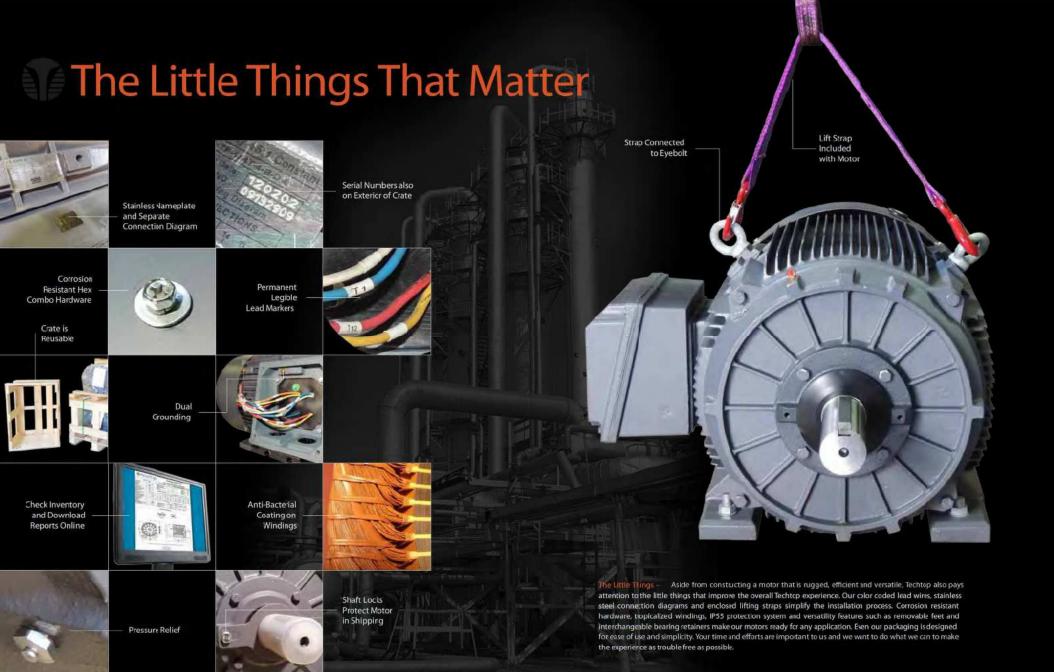


Inverter Protection— Variable speed applications are becoming more prevalent in today's market especially with the advent of modern pube width modulated (PWM) drives. Motors now need to deal with significant voltage spikes, heating due to lowspeeds, shaft voltages and the slow degradation of the insulation bycorrosve ozone produced as a result of coona effect. Techtop's inverter duty wire, phase insulation, and our lapwinding pattern insulates our coils while minimizing the chance of shorts. Our vicuum impregnation process eliminates air bubbles, reducing the deliterious effects of corona. Our efficient design reduces temperatures when running at low speeds allowing for 151 constant torque turndowns. Inverter? We're ready.

Rugged Construction



Rugged Construction — Often when a Techtop motor ships, it is unknown what application it will be employed into. This means that each Techtop motor needs to be ready to perform in a vide range of applications and we prepare them for the task. From its cast iron frame and dual oversized bearings, to its advanced bearing protection and greasing system, a Techtop motor is ready for your toughest mechanical applications. Our system of gaskets, seals and silicone sealants along with our sintered brass breather drain-give us an IP55 rating while keeping ourmotors dry and clean on the inside. Our insulation system, careful handling of leads, end furns, and crossover tuping provides for a long trouble free life. Tough application? We're ready.



Versatile Removable Feet Round Body C Face D Flange Side View of Motor 90 Degree from Left/Right Rotatable Box for Vertical Up Snap Rings Holding Bearing in Place Face Drain

We Are Where You Need Us



Versatility – Like the Chameleon of the motor industy, Techtop motors are designed to be versatile and configurable to fit comfortably into many environments and applications. Our removable feet configuration allows simple conversion to F1, F2, F3 and round body. Our dual oversized cast iron bearing locks, inner retainer seals, face drains and bearing retention rings allow for mountingand operation in any position. Our standard winding tropicalization, inverter duty insulation system and our IP55 rating allows the motor to enjoy a long operating life in a wide range of environments. Techtop's moor is a true General Purpose motor with the features, benefits and performance to back it up.

We Are Where You Need US – Wherever you are and wherever our motors end up, Techtop s never far away. Techtop warehouses are popping up all over the US and Canada and with distribution in 6 continents wherever you need us, we will be there.

Techtop Family Motors



Pump Line Aluminum 1/3-15HP TEFC (IP55) Aluminum 215JM & below EISA Compliant 2 & 4 Poles Inverter Rated (MGI Part 31-30:1 Variable Torque)

Slack Line TEFC Cast Iron Three Phase 3-100HP 6 Pole 230:460/796V 5%-8% Slip Design "D"



Orange Line
Design C
75-250HP
Crusher Dusy
TEFC Cast Iron
Roller Bearing
4 & 6 Poles
EISA Compliant

Green Line Cast Iron NEMA Premium 1-250HP 2, 4 & 6 Poles NEMA 143T-449T IEC 160-280 EISA Compliant Inverter Rated (MGI Part 31-15:1

Constant Torque)



Green LineODP NEMA Premium 1-250HP 2,4 & 6 Poles EISA Compliant Inverter Fated (MGI Part 31-15:1 Constant Torque)



Three Phase 56C Frame Universal Mount TEFC Aluminum 1/3-3HP 2, 4 Poles Inverter Rated 4:1 Constant



Pump Line Cast Iron 15-50HP TEFC (IP55) Cast Iron 254JM & above EISA Compliant 2 & 4 Poles nverter Rated MG1 Part 31-20:1 /ariable Torque)

Green Line Aluminum NEMA Premium 1-250HP 2,4 & 6 Poles EISACompliant Inverter Rated (MCI Part 31-15:1 Costant Torque)



Blue Line HVAC Resilient Mount 1725 RPM Single Phase '/4-1.5HP Three Phase 1/3-3HP







Red Line
High Torque
Single Phase
1/3-10HP-TEFC 4 Pole
Rigid Base & C-Face
Manual Reset Protectors
Over 300% Starting Torque
High Efficient Dual
Cap Design







Brown Line IEEE 841 Severe D Dual Voltage 15-250HP 254T-449T 2, 4 & 6 Pole EISA Compliant Inverter Rated (MGI Part 31-15:1 Constant Torque)



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