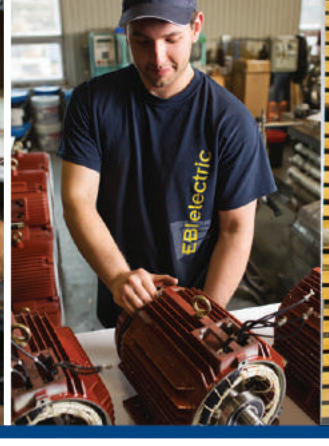
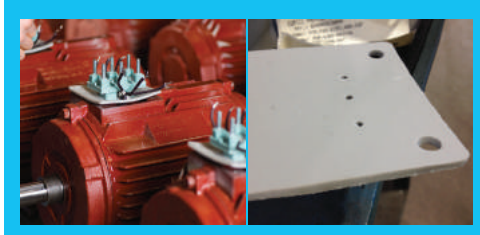
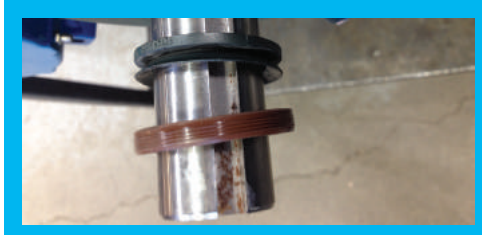
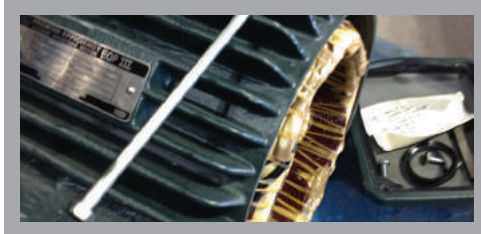
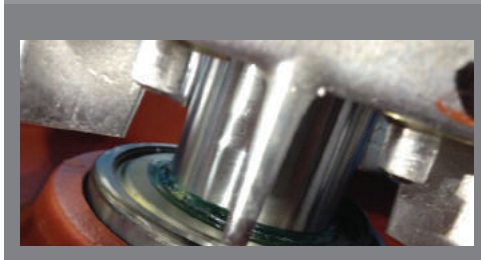
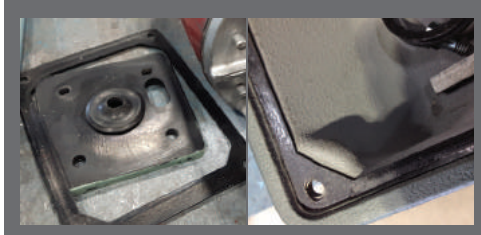
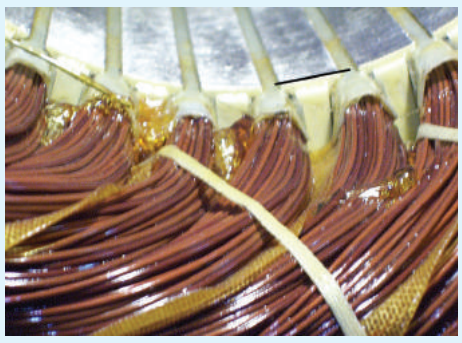



MECHANICAL ADVANTAGES

EBI DRY KILN DUTY MOTOR	OTHER ELECTRICAL MOTOR
	Epoxy primer
	High temperature enamel paint protection coating
	Silicone treatment on all components
	End bells fixed on stator frame with stainless steel bolts
	Stainless steel grease fittings
	Bearing retainer cap
	Thick high temperature silicone gasket
	Viton seal
	Cast iron stator and end bells for better heat resistance
	 No epoxy primer
	 No high temperature enamel paint protection coating
	 Untreated components such as end bells
	 Unprotected steel rods fixing end bells (subject to rust)
	 Brass fittings subject to rust
	 No bearing retainer cap
	 Regular gasket
	 V-ring seal (less protection)
	 Aluminum stator and end bells (faster expansion so need to compensate with steel part inside end bell)


ELECTRICAL ADVANTAGES

EBI DRY KILN DUTY MOTOR



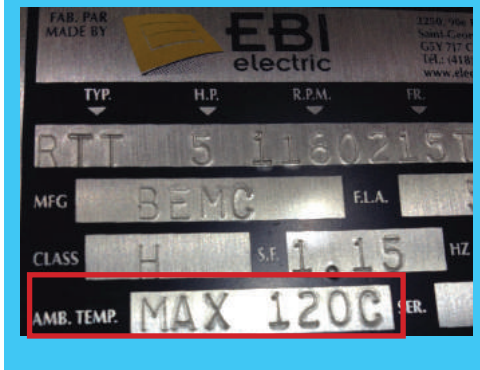
Lap winding: 2 coils per slot and identical size coils

Handmade lap winding

EBI class R sleeving 220°C / 428°F

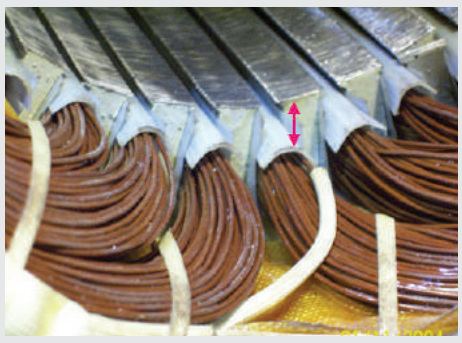
Double dip in class H varnish and double baking

Phase to phase insulation



High temperature resistant with warranty: 120°C/242°F

OTHER ELECTRICAL MOTOR

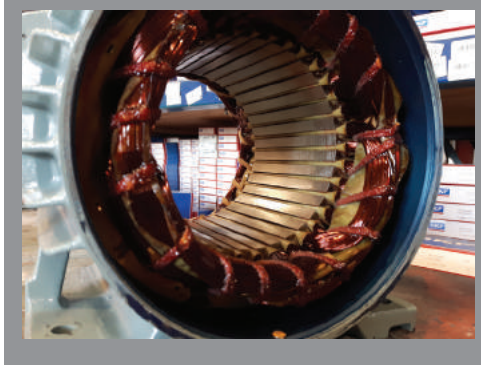


Concentric winding: 1 coil per slot and various coil sizes

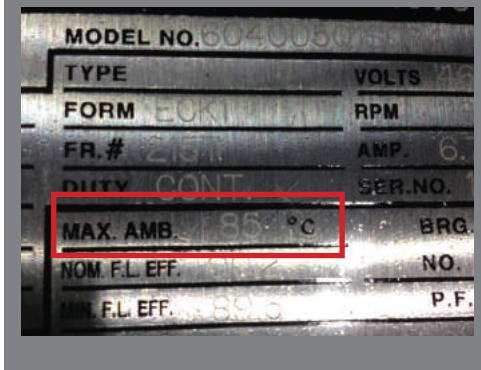
Automatic machine concentric winding

Regular class F sleeving 155°C/311°F

Vacuum Pressure Impregnation (VPI)



Less insulation between phases



Less resistant to high temperature 85°C/185°F