

## Standard Work Scope - Motor

Pick up Motor from KNR stores as requested by KNR	<input type="checkbox"/>
Dismantle, clean and inspect, including the Fan Cowl. If Fan Cowl not supplied, contact KNR to determine required action.	<input type="checkbox"/>
Sandblast and prime exterior	<input type="checkbox"/>
Resistance, mega test, steam clean and bake Stator	<input type="checkbox"/>
Retest Stator and double dip varnish and bake	<input type="checkbox"/>
Steam clean and test Rotor Cage	<input type="checkbox"/>
Check Shaft run-out	<input type="checkbox"/>
Dimension check housing and all critical surfaces	<input type="checkbox"/>
Dynamic balance Rotor	<input type="checkbox"/>
Tropic proof Rotor, Stator and all internal parts	<input type="checkbox"/>
Reassemble with new Bearings, Seals and Terminal Box Gasket.	<input type="checkbox"/>
Pre pack Bearings with BP Energrease LS3 for standard and Energrease LC2-T for High Speed.	<input type="checkbox"/>
Test run Motor and record all readings	<input type="checkbox"/>
Final paint as per attached specs	<input type="checkbox"/>
Denso Tape Shaft and fit Shaft lock where applicable.	<input type="checkbox"/>
Wrap the Terminal Box with Plastic to protect from water ingress.	<input type="checkbox"/>
Attach Metal ID tag with Frame size, RPM, KW and Serial No	<input type="checkbox"/>
Attach Company ID Tag, with date and Job No	<input type="checkbox"/>
Return Motor to KNR store	<input type="checkbox"/>

Supply KNR a summarised repair report including what found, extra work completed and possible recommendations.

**Note:** KNR uses BP Lubricants and SKF Bearings.  
For EXE Motors only, use AS2700 Orange (X15).

### **Specification For Protective Coating Systems**

- SES106
- Coating - PCS09
- Epoxy Zinc Phosphate Primer
- 2 coats Epoxy Mastic (one coat is acceptable unless otherwise requested)
- Shamrock. Brilliant Green. AS. 2700 G23.