

**Components :**

<b>Component</b>	<b>Material</b>	<b>Remarks</b>
1. Finned housing	PRIMO SERIES : Die-cast Aluminium body upto 132 Frame / Cast Iron for 160 Frame SPECTRUM SERIES : Cast Iron for 180 and above upto 315 Frames	With integral feet, without feet (for flange mounted )
2. Stator	Insulated silicon magnetic steel Laminations.  Copper conductors	Silicon content guarantees Reduced core loss Cleated packs Semi-closed slots Class F insulation
3. Rotor	Insulated silicon magnetic steel Laminations.  Aluminium / Copper conductors	- Skewed cagebars - Rotor cage pressure die-cast in aluminium (or alloy for special applications) / brazed - Shrink fitted to shaft - Dynamically balanced rotor
4. Shaft	Carbon Steel	- Open keyway
5. End Shields	PRIMO: Die-cast Aluminium upto 112 frame and Cast Iron for 132 & 160 frame SPECTRUM: Cast iron 180 & above including 315 frame	
6. Bearings and Lubrication	Rolling bearings Lithium soap based grease to grade 3	- Ball bearing, C3 clearance - regreasable
7. Lipseals	Synthetic rubber	
8. Fan	Polypropelene / aluminium alloy / fabricated steel	- Bi-directional : straight blades
9. Fan cover	PRIMO: Polypropelene / Deep drawn Steel SPECTRUM: Deep drawn steel	- Fitted with a canopy for operation in vertical position, while shaft facing down.
10. Terminal Box	PRIMO: Polypropelene / Die-cast aluminium / Cast Iron  SPECTRUM : Cast Iron or pressed steel	- IP 55 - Positions, LHS when viewed from NDE for foot mounted motor - Rotatable in steps of 90° - Terminal box comes with cable entry (glands optional) - 1 earth terminal in each power terminal box.