

**Frame Designation :**

<b>Mounting</b>	<b>PRIMO UPTO 160 Frame</b>	<b>SPECTRUM 180 Frame &amp; Above</b>
IM1001	PM	SC
IM2001	FBPM	BSC
IM3011	BPM	VSC

**STARTING METHODS FOR CAGE MOTORS**

The two essential parameters in starting cage motors are :

- locked rotor torque
- locked rotor current

These two parameters and the resistive torque determine the acceleration time.

These three parameters arise from the construction of cage motors. Depending on the driven load, it may be necessary to adjust these values to avoid torque impulse on the load or current surges in the supply. There are essentially five different types of starting mode, which are

1. Direct-On-Line start (D.O.L.)
2. Star - Delta Start
3. Soft start with auto-transformer
4. Soft start with resistances
5. Electronics soft Start