



FEPL has now introduced Doctor Single Phase Induction motors with Efficient, Powerful and Attractive design. These motors finds variety of application like in Rice mills, Flour mills, Chaff Cutters, Pressure Washing Pumps, etc.

Doctor Three Phase Induction Motors will be also be available shortly in variety of range.

Standards: All the motors are manufactures as per IS:996 for electrical parameters and mechanical dimensions as per IS:1231

Voltage and Frequency: Motors are designed for 220 volts \pm 6% for 1 Phase supply.

Winding and Insulation: All Doctor Induction motors are manufactured with Modified Polyester Enameled copper wire which is tested as per IS:13730 and high dielectric strength material is used for slot insulation.

Stator: High Grade CRNO Electrical Stampings are used in all Doctor motors.

Bearings: All Doctor Induction motors are assembled with reputed NBC brand bearings.

Inspection and Testing: All components are manufactured and inspected as per ISO:9001-2015 quality system with latest calibrated instruments. All motors are tested as per relevant BIS Standards.

APPLICATIONS	
▪	Used as prime mover for all kinds of machine tools such as Laths, Drills, Grinders etc.
▪	Used for Compressors, Lifts, Hoists, Cranes, Extruders etc.
▪	Used for running bare pumps for Domestic, Industrial or Agricultural purpose.

PERFORMANCE DATA OF 1 - PH. TEFC INDUCTION MOTORS												
Suitable for 230 Volt, 50 Hz, A.C., 1 PH. Power Supply						Available Types of Mounting - B3, B5						
Sr. No.	Model	Output		Pole	Frame Size	Insu. Class	FL RPM	FL AMP	FL EFFI %	FLT %	Capacitor Run	Capacitor Start
		KW	HP									
1	FMIM 1A	0.75	1.00	4	90	F	1430	5.5	72	250	20 / 440	100 / 120
2	FMIM 2A	1.50	2.00	4	100	F	1440	11	79	250	36 / 440	200 / 250
3	FMIM 3A	2.20	3.00	4	112	F	1440	14	81	250	50 / 440	200 / 250

