



**AC MOTOR**

**FHP AC INDUCTION MOTOR**

**INTRODUCTIONS :**

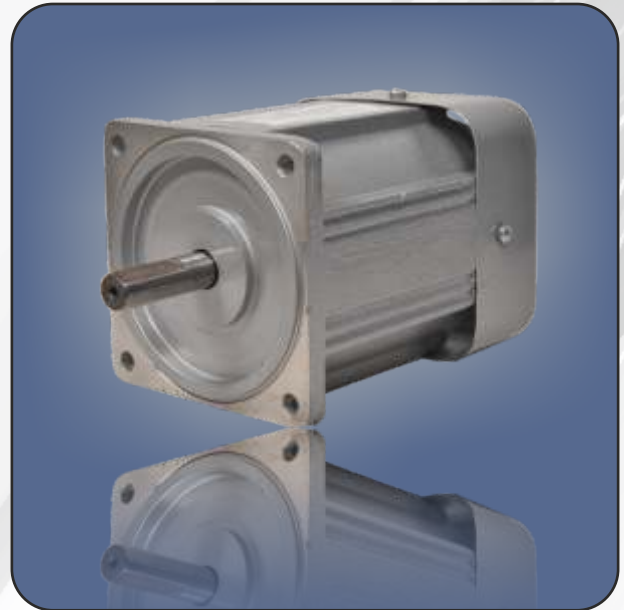
The electric motor is everywhere, Electric Motors use more than 70% of all electricity consumed by the industrial sector. The AC Motor are ideal for most application liner for fans, pumps, conveyer, compressors machine tools, robots, generators and in many other industrial applications.

**FEATURES :**

- Robust Design
- Dimensional Accuracy
- Consistent performance

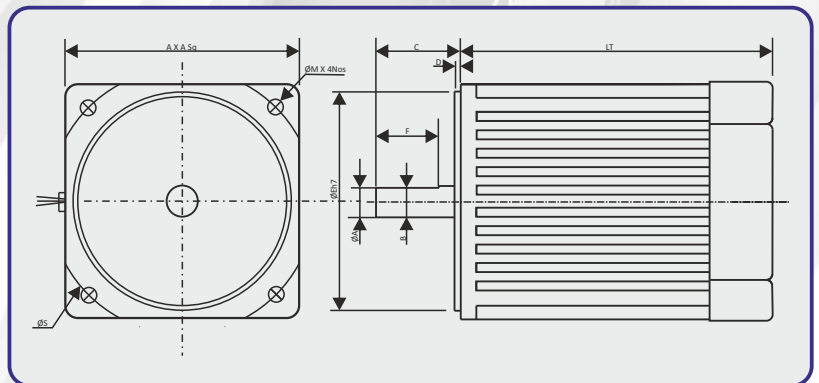
**RANGE :**

Power : 25 W to 180W  
Speed : 1400rpm to 2800rpm



**MECHANICAL DIMENSION:**

WATTS	A X A SQ	A	B	C	D	E	F	ø M	ø S	LT
25	80 X 80	8	7	32	2	73	25	5.5	94	111
40	90 X 90	10	9	37	2	83	25	6.5	104	126
60	90 X 90	12	11	37	2	83	25	6.5	104	130
90	90 X 90	12	11	37	2	83	25	6.5	104	145
120	90 X 90	12	11	37	2	83	25	6.5	104	145
180	90 X 90	12	11	37	2	83	25	6.5	104	165



**TECHNICAL DETAILS:**

WATTS	VOLTAGE			FREQUENCY Hz	CURRENT			TORQUE Kg-cm	SPEED rpm	CAPACATOR µF	DUTY CYCLE	INSULATION CLASS	ENCL.	WEIGHT (KG)
	VAC 1	VAC 2	VAC 3		A1	A2	A3							
25	3 φ 220	1 φ 220	3 φ 415	50	0.3	0.25	0.16	1.95	1300	1.5	S1	B	TENV	1.8
40	3 φ 220	1 φ 220	3 φ 415	50	0.38	0.45	0.19	3	1300	2.5	S1	B	TENV	2.5
60	3 φ 220	1 φ 220	3 φ 415	50	0.5	0.63	0.25	4.5	1300	3.5	S1	B	TEFC	2.5
90	3 φ 220	1 φ 220	3 φ 415	50	0.66	0.9	0.34	6.8	1300	6.0	S1	B	TEFC	3.3
120	3 φ 220	1 φ 220	3 φ 415	50	0.88	1.0	0.45	9	1300	6.0	S1	B	TEFC	3.3
180	3 φ 220	1 φ 220	3 φ 415	50	1.2	1.3	0.60	13.5	1300	6.0	S1	B	TEFC	3.8