

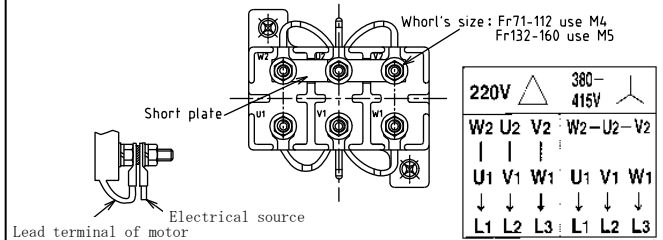
TOSHIBA

Leading Innovation >>>

TOSHIBA "WORLD ENERGY SERIES" / Model No : 4T5HPL



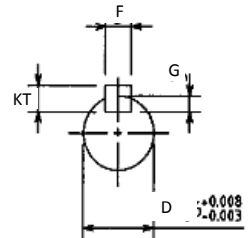
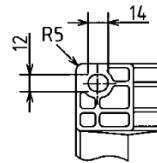
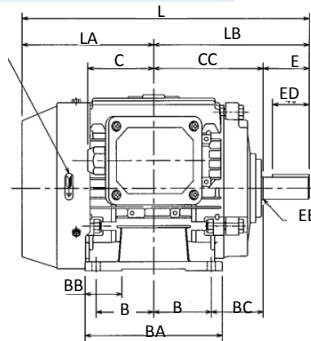
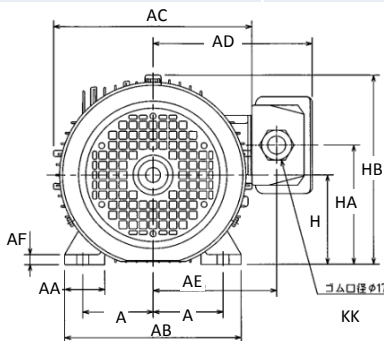
CONNECTION & CONNECTION DIAGRAM



Type & Form : IK-FBKA21*S Model No : 4T5HPL

Output Power HP(kW)	5 (4.0)
Pole	4 Pole
Frame Number	112M
Enclosure	TEFC
Degree of Protection	IP55
Frame Material	Aluminum
Thermal Class	F
Time Rating	S1

Phase	3 Phase
Voltage & Frequency	220/380/415V-50Hz
Standard	IEC 60034-1/ IEC60034-5
Lead Wire Connection	6 lead wires with terminal block
Direction of Rotation	Counter Clock Wise (CCW) viewed from Shaft end side
Ambient Temperature	-20~40°C
Ambient Humidity	100% or Less
Above Sea Level	1000m or Less
Environment	No bursting erosive gas or vapor
Coating Color	Munsell N7



Frame foot as viewed from below.

Note: Tolerance on dimensions "H", "D", and "G" to IEC 60072.

DIMENTION(mm) /WEIGHT

A	AA	AB	AC	AD	AE	AF	H	HA	HB
95	40	220	214	166	130.5	12	112	142	261
KK	B	BA	BB	BC	C	CC	E	ED	EE
Φ17	70	168	46	70	71	140	60	45	R1.5
L	LA	LB	KT	F	G	D	Weight(kg)		
386	186	200	7	8	4	28±6	27		

CHARACTERISTICS AND PERFORMANCE

Rated Output HP (kW)	Frame Number	Hz	Volts	Full Load Current A	Full Load Speed min ⁻¹	No Load Current A	Locked Rotor Current % F/L	Locked Rotor Torque % F/L	Pull Up Torque % F/L	Break down Torque % F/L	Efficiency (%)			Power factor			Rotor Inertia J kg·m ²	Noise SPL dB(A)
											Full Load	75% Load	50% Load	Full Load	75% Load	50% Load		
5.5 (4.0)	112M	50	220	15.4	1400	7.60	700	245	235	295	81.0	82.5	82.0	85.0	78.0	66.0	0.00851	57
			380	8.90	1400	4.39	700	245	235	295	81.0	82.5	82.0	85.0	78.0	66.0		
			415	8.70	1415	5.82	760	290	280	350	81.5	82.0	80.5	78.5	69.0	55.0		

These characteristics are designed for Direct on-line connection.