

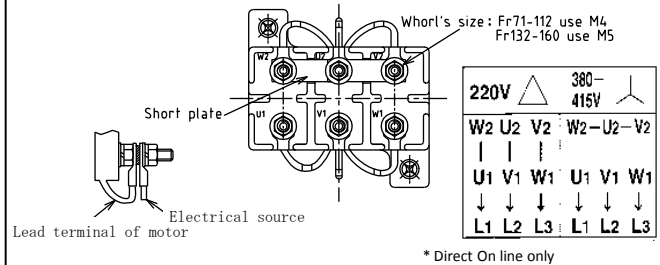
TOSHIBA

Leading Innovation >>>

TOSHIBA "WORLD ENERGY SERIES"/ Model No : 4T3HPL



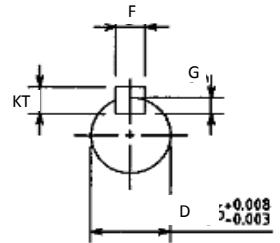
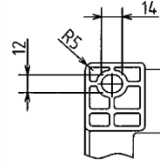
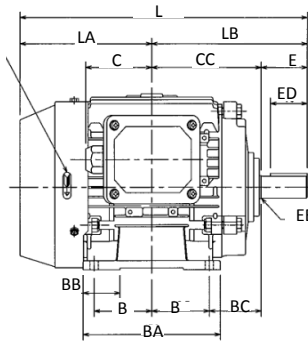
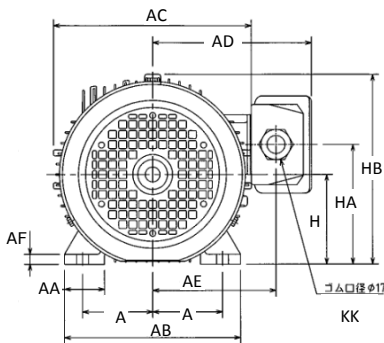
CONNECTION & CONNECTION DIAGRAM



Type & Form : IK-FBKAW21*S Model No : 4T3HPL

Output Power HP(kW)	3 (2.2)
Pole	4 Pole
Frame Number	100L
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
Enviroment	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
80	40	200	198	159	123.5	12	100	120	200
KK	B	BA	BB	BC	C	CC	E	ED	EE
Φ17	70	168	46	63	71	133	60	45	R0.5
L	LA	LB	KT	F	G	D	Weight(kg)		
350.5	157.5	193	7	8	4	28±6	21		

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		
3 (2.2)	100L	50	220	8.70	1410	4.60	650	205	185	230	80.0	81.5	81.0	83.5	75.0	62.0	0.00595	46
			380	5.00	1410	2.66	650	205	185	230	80.0	81.5	81.0	83.5	75.0	62.0		
			415	5.00	1420	3.45	720	245	220	270	80.5	80.0	78.0	76.5	65.0	50.0		

Noise SPL measured at
Less than 1kW: 0.5m
1kW and larger: 1m at no load

These characteristics are designed for Direct on-line connection.