

TOSHIBA

Leading Innovation >>>

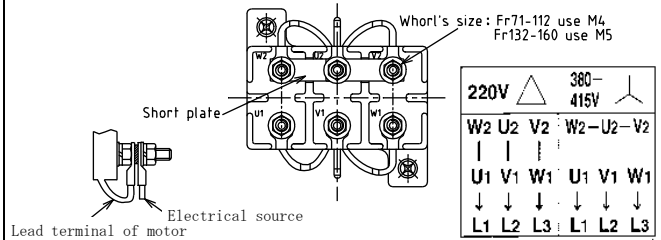
TOSHIBA "WORLD ENERGY SERIES"/ Model No : 4T1HP-L



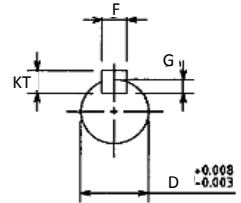
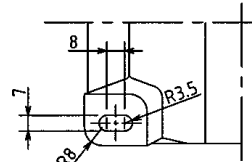
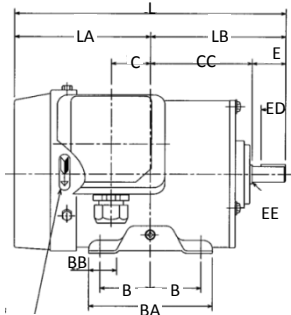
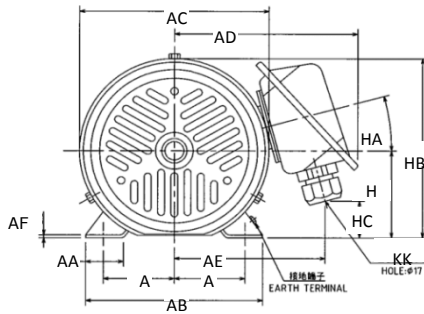
Type & Form : IK-FBKKW*S Model No : 4T1HPL

Output Power HP(kW)	1 (0.75)
Pole	4 Pole
Frame Number	80M
Enclosure	TEFC
Degree of Protection	IP55
Frame Material	Steel
Thermal Class	F
Time Rating	S1

CONNECTION & CONNECTION DIAGRAM



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



DIMENTION(mm) /WEIGHT

A	AA	AB	AC	AD	AE	AF	B	BA	BB
62.5	35	165	170	157	130	4.5	50	130	30
H	HA	HB	HC	KK	C	CC	E	ED	EE
80	15°	165	42	Φ17	27.5	100	40	32	R0.5
L	LA	LB	KT	F	G	D	Weight(kg)		
273	133	140	6	6	3.5	19j6	16		

Frame foot as viewed from below.

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

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		
1 (0.75)	80M	50	220	3.50	1410	2.40	590	280	265	285	76.5	77.0	75.0	76.5	66.5	52.0	0.00273	52
			380	2.00	1410	1.39	590	280	265	285	76.5	77.0	75.0	76.5	66.5	52.0		
			415	2.05	1420	1.62	630	330	315	340	76.0	75.0	70.0	69.5	58.0	44.0		

Noise SPL measured at Less than 1kW: 0.5m

These characteristics are designed for Direct on-line connection.