

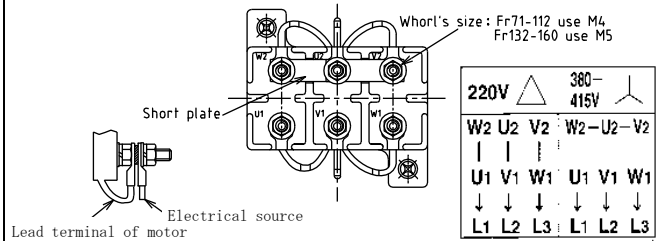
TOSHIBA

Leading Innovation >>>

TOSHIBA “WORLD ENERGY SERIES”/ Model No : 4T7.5HPL



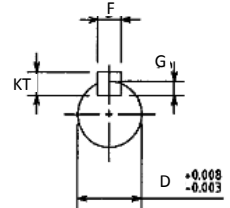
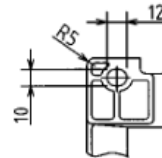
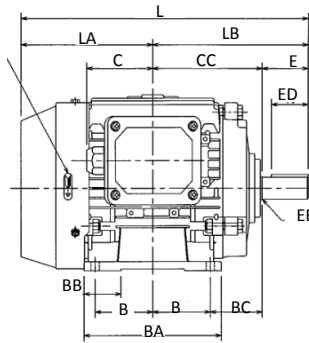
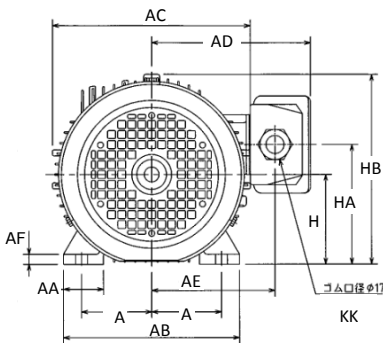
CONNECTION & CONNECTION DIAGRAM



Type&Form : IKK-FBKAW21*S Model No : 4T7.5HPL

Output Power HP(kW)	7.5 (5.5)
Pole	4 Pole
Frame Number	132S
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
108	50	260	252	240	178.5	15	132	167	303
KK	B	BA	BB	BC	C	CC	E	ED	EE
φ32	70	175	50	89	128	159	80	63	R0.5
L	LA	LB	KT	F	G	D	Weight(kg)		
449.5	210.5	239	8	10	5	38k6	42		

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

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		
7.5 (5.5)	132S	50	220	20.4	1430	9.0	660	200	195	275	85.0	86.0	85.0	85.0	80.0	69.0	0.02018	60
			380	11.8	1430	5.20	660	200	195	275	85.0	86.0	85.0	85.0	80.0	69.0		
			415	11.6	1440	7.00	730	235	230	325	85.0	85.0	84.0	78.5	70.0	56.0		

These characteristics are designed for Direct on-line connection.