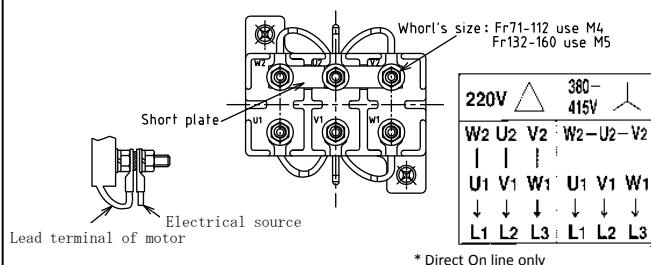




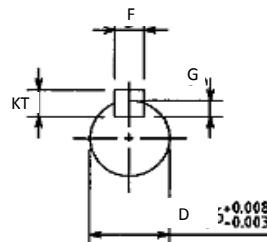
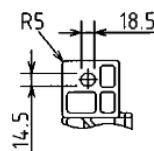
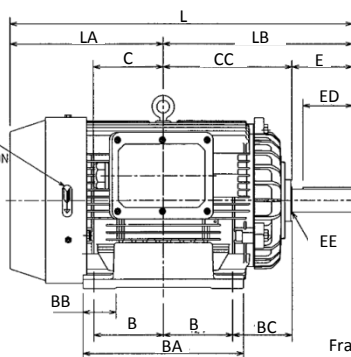
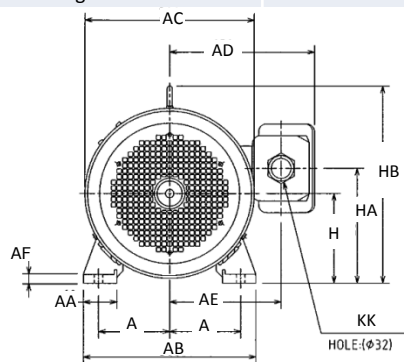
Type & Form : TIKK-FBKAW21*S
Model No : 4T20HPL

Output Power HP(kW)	20 (15)
Pole	4 Pole
Frame Number	160L
Enclosure	TEFC
Degree of Protection	IP55
Frame Material	Aluminum
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	H	HA	HB
127	60	308	304	259	199.5	18	160	205	351
KK	B	BA	BB	BC	C	CC	E	ED	EE
φ32	127	294	60	108	128	235	110	90	R2
L	LA	LB	KT	F	G	D	Weight (kg)		
625	280	345	8	12	5	42k6			

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		
20 (15)	160L	50	220	52.0	1440	17.3	790	245	205	265	88.0	89.0	88.0	86.0	83.5	76.0	0.06025	63
			380	30.0	1440	10.0	790	245	205	265	88.0	89.0	88.0	86.0	83.5	76.0		
			415	28.5	1455	13.1	930	290	240	315	88.5	89.0	87.0	83.0	78.0	67.0		

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.