DATASHEET

IE4 THREE PHASES MOTOR



GENERAL DATA

Motor Code:	**MS4-712-4**
Power (kW):	**0.37**
Frame Size:	**71**
Housing Material:	**Aluminium**
Net Weight (kg):	**8**
Insulation Class:	**F**
Protection Degree:	**IP55**
Service Duty:	**S1**
Efficiency Class:	**IE4**
Cooling Method:	**IC411**
Standard:	**IEC 60034**
Bearing Types:	**6202 ZZ**
Noise Level (dB):	**55**
Moment of Inertia (kg*m2):	**0.001188**
Ambient Temp.:	**-15C to +40C**
Altitude:	**1000m above sea level**

ELECTRICAL DATA

Power (kW):			**0.37**
Frequency (Hz):			**50HZ**
Speed (RPM):			**1430.0**
Eff% (@400V)	**100%: 81.1**	**75%: 80.5**	**50%: 77.2**
Power Factor (Cos PHI):			**0.66**
Tst/Tn:			**3.4**
Tmax/Tn:			**3.6**
Tmin/Tn:			**3**
Ist/In:			**6.2**
Moment of Inertia (kg*m2):			**0.001188**

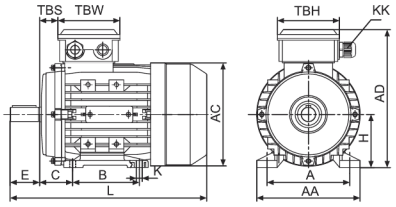
Current (A)		
220V	380V	660V
1.81	**1.05**	**0.6**

Current (A)		
230V	400V	690V
1.74	**1**	**0.58**

Current (A)		
240V	415V	720V
1.66	**0.96**	**0.55**

MECHANICAL DATA

IM B3



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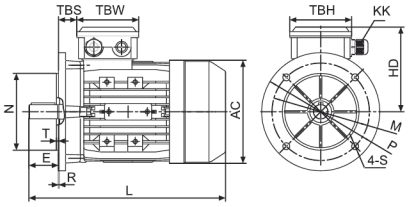

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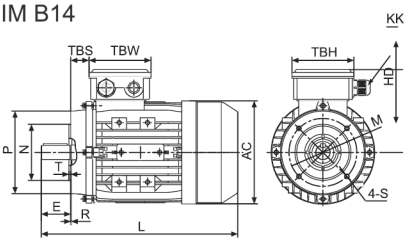

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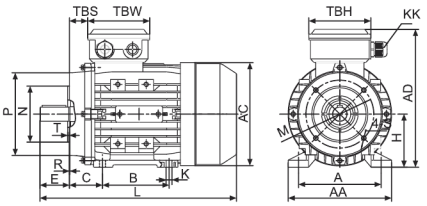

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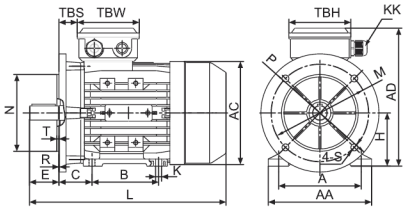

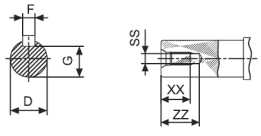

Frame	Foot Mounting					Shaft							General									
	H	A	B	C	K	D	E	F	G	SS	XX	ZZ	AA	AD	HD	AC	L	LCCL	KK	TBS	TBW	TBH
71	71.0	112	90	45.0	7X10	Ø14	30.0	5.0	11.0	M5	12.0	17.0	132.0	186.0	115.0	Ø147	241(255)	282(296)	1-M20X1.5	20.0	94.0	94.0