DATASHEET

IE4 THREE PHASES MOTOR



GENERAL DATA

Motor Code:	**MS4-712-6**
Power (kW):	**0.25**
Frame Size:	**71**
Housing Material:	**Aluminium**
Net Weight (kg):	**7.4**
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):	**52**
Moment of Inertia (kg*m2):	**0.00125**
Ambient Temp.:	**-15C to +40C**
Altitude:	**1000m above sea level**

ELECTRICAL DATA

Power (kW):			**0.25**
Frequency (Hz):			**50HZ**
Speed (RPM):			**940.0**
Eff% (@400V)	**100%: 74.1**	**75%: 71.5**	**50%: 65.3**
Power Factor (Cos PHI):			**0.6**
Tst/Tn:			**2.6**
Tmax/Tn:			**2.9**
Tmin/Tn:			**2.6**
Ist/In:			**4.5**
Moment of Inertia (kg*m2):			**0.00125**

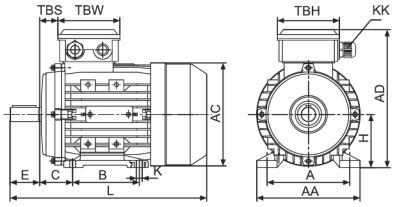
Current (A)		
220V	380V	660V
1.48	**0.85**	**0.49**

Current (A)		
230V	400V	690V
1.41	**0.81**	**0.47**

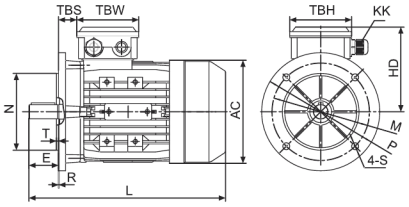
Current (A)		
240V	415V	720V
1.35	**0.78**	**0.45**

MECHANICAL DATA

IM B3



IM B5



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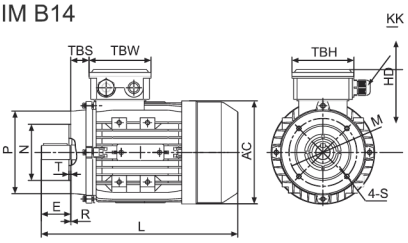

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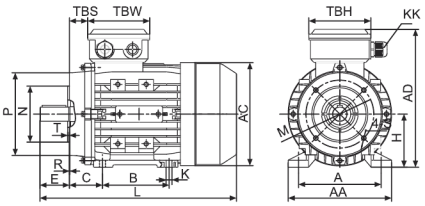

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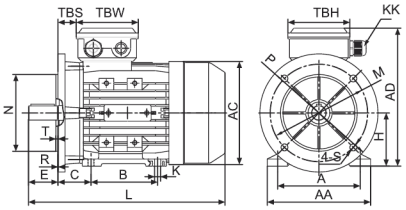

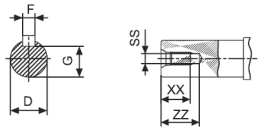

Frame	Foot Mounting					Shaft							General									
	H	A	B	C	K	D	E	F	G	SS	XX	ZZ	AA	AD	HD	AC	L	LCCL	KK	TBS	TBW	TBH
71	71.0	112	90	45.0	7X10	Ø14	30.0	5.0	11.0	M5	12.0	17.0	132.0	186.0	115.0	Ø147	241(255)	282(296)	1-M20X1.5	20.0	94.0	94.0