DATASHEET

IE4 THREE PHASES MOTOR



GENERAL DATA

Motor Code:	**MS4-112M-6**
Power (kW):	**2.2**
Frame Size:	**112**
Housing Material:	**Aluminium**
Net Weight (kg):	**35**
Insulation Class:	**F**
Protection Degree:	**IP55**
Service Duty:	**S1**
Efficiency Class:	**IE4**
Cooling Method:	**IC411**
Standard:	**IEC 60034**
Bearing Types:	**6306 ZZ**
Noise Level (dB):	**64**
Moment of Inertia (kg*m2):	**0.02289**
Ambient Temp.:	**-15C to +40C**
Altitude:	**1000m above sea level**

ELECTRICAL DATA

Power (kW):			**2.2**
Frequency (Hz):			**50HZ**
Speed (RPM):			**970.0**
Eff% (@400V)	**100%: 87.4**	**75%: 87.2**	**50%: 85.4**
Power Factor (Cos PHI):			**0.69**
Tst/Tn:			**3**
Tmax/Tn:			**3.8**
Tmin/Tn:			**2.6**
Ist/In:			**7.5**
Moment of Inertia (kg*m2):			**0.02289**

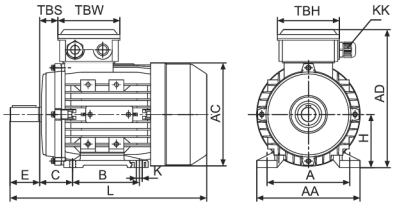
Current (A)		
220V	380V	660V
9.57	**5.54**	**3.19**

Current (A)		
230V	400V	690V
9.16	**5.27**	**3.05**

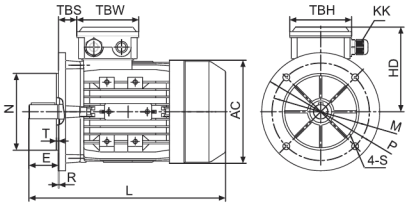
Current (A)		
240V	415V	720V
8.78	**5.08**	**2.93**

MECHANICAL DATA

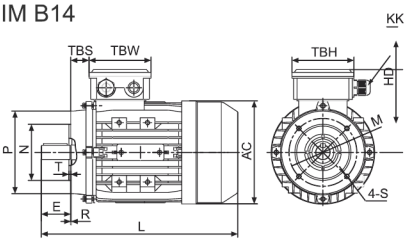
IM B3



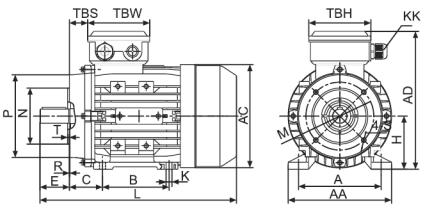
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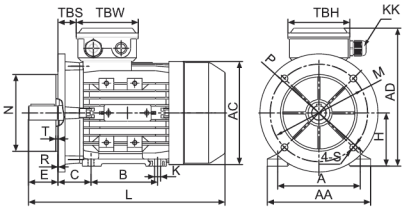
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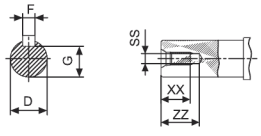


IM B34



IM B35





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
112	112.0	190	140	70.0	12X15	Ø 28	60.0	8.0	24.0	M 10	22.0	30.0	220.0	279.0	167.0	Ø 229	395	463	2-M 25X1.5	32.0	112.0	112.0