DATASHEET

IE4 THREE PHASES MOTOR



GENERAL DATA

Motor Code:	**MS4-132M1-6**
Power (kW):	**4**
Frame Size:	**132M**
Housing Material:	**Aluminium**
Net Weight (kg):	**55**
Insulation Class:	**F**
Protection Degree:	**IP55**
Service Duty:	**S1**
Efficiency Class:	**IE4**
Cooling Method:	**IC411**
Standard:	**IEC 60034**
Bearing Types:	**6308 ZZ**
Noise Level (dB):	**68**
Moment of Inertia (kg*m2):	**0.053987**
Ambient Temp.:	**-15C to +40C**
Altitude:	**1000m above sea level**

ELECTRICAL DATA

Power (kW):			**4**
Frequency (Hz):			**50HZ**
Speed (RPM):			**975.0**
Eff% (@400V)	**100%: 89.5**	**75%: 89.8**	**50%: 88.8**
Power Factor (Cos PHI):			**0.74**
Tst/Tn:			**2.8**
Tmax/Tn:			**3.4**
Tmin/Tn:			**1.8**
Ist/In:			**8**
Moment of Inertia (kg*m2):			**0.053987**

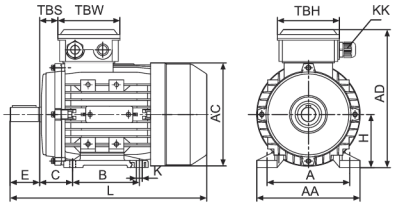
Current (A)		
220V	380V	660V
15.9	**9.18**	**5.28**

Current (A)		
230V	400V	690V
15.2	**8.72**	**5.05**

Current (A)		
240V	415V	720V
14.5	**8.4**	**4.84**

MECHANICAL DATA

IM B3



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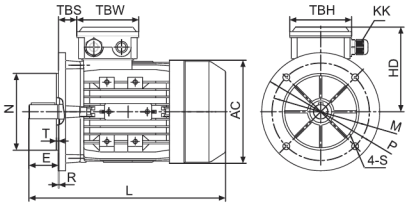

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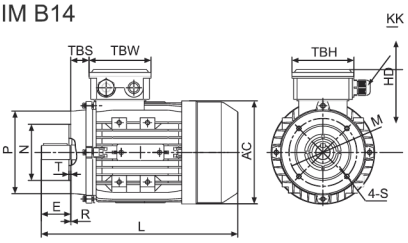

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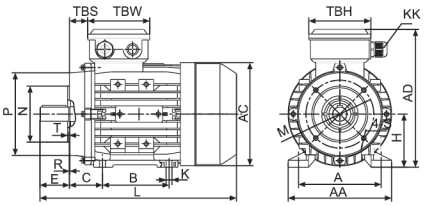

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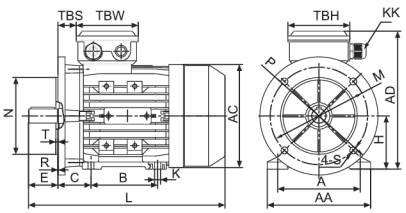

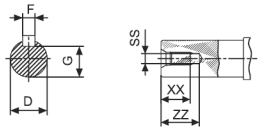

Frame	Foot Mounting					Shaft							General									
	H	A	B	C	K	D	E	F	G	SS	XX	ZZ	AA	AD	HD	AC	L	LCCL	KK	TBS	TBW	TBH
132M	132.0	216	178	89.0	12X15	Ø 38	80.0	10.0	33.0	M 12	28.0	37.0	252.0	318.0	186.0	Ø 265	475/501	535/561	2-M 25X1.5	38.0	112.0	112.0