DATASHEET

IE4 THREE PHASES MOTOR



GENERAL DATA

Motor Code:	**MS4-132S1-2**
Power (kW):	**5.5**
Frame Size:	**132S**
Housing Material:	**Aluminium**
Net Weight (kg):	**49**
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):	**80**
Moment of Inertia (kg*m2):	**0.017735**
Ambient Temp.:	**-15C to +40C**
Altitude:	**1000m above sea level**

ELECTRICAL DATA

Power (kW):			**5.5**
Frequency (Hz):			**50HZ**
Speed (RPM):			**2940.0**
Eff% (@400V)	**100%: 90.9**	**75%: 90.9**	**50%: 89.5**
Power Factor (Cos PHI):			**0.9**
Tst/Tn:			**3.4**
Tmax/Tn:			**4**
Tmin/Tn:			**2.3**
Ist/In:			**10.5**
Moment of Inertia (kg*m2):			**0.017735**

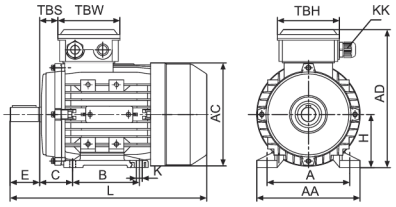
Current (A)		
220V	380V	660V
17.6	**10.2**	**5.88**

Current (A)		
230V	400V	690V
16.9	**9.7**	**5.63**

Current (A)		
240V	415V	720V
16.2	**9.35**	**5.39**

MECHANICAL DATA

IM B3



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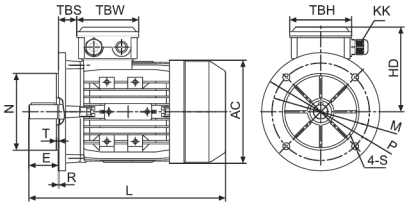

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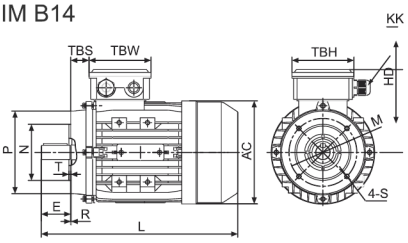

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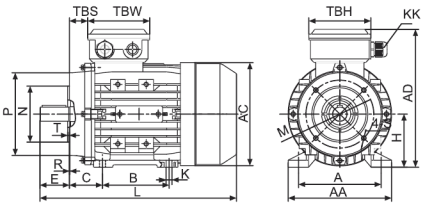

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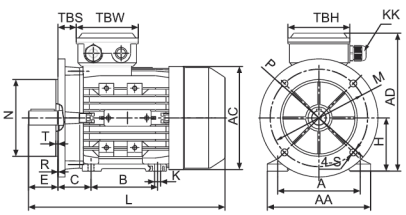

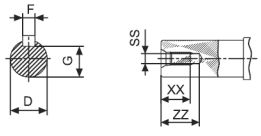

Frame	Foot Mounting					Shaft							General									
	H	A	B	C	K	D	E	F	G	SS	XX	ZZ	AA	AD	HD	AC	L	LCCL	KK	TBS	TBW	TBH
132S	132.0	216	140	89.0	12X15	Ø38	80.0	10.0	33.0	M12	28.0	37.0	252.0	318.0	186.0	Ø265	437	497	2-M25X1.5	38.0	112.0	112.0