DATASHEET

IE4 THREE PHASES MOTOR



GENERAL DATA

Motor Code:	**MS4-801-8**
Power (kW):	**0.18**
Frame Size:	**80**
Housing Material:	**Aluminium**
Net Weight (kg):	**10**
Insulation Class:	**F**
Protection Degree:	**IP55**
Service Duty:	**S1**
Efficiency Class:	**IE4**
Cooling Method:	**IC411**
Standard:	**IEC 60034**
Bearing Types:	**6204 ZZ**
Noise Level (dB):	**52**
Moment of Inertia (kg*m2):	**0.002323**
Ambient Temp.:	**-15C to +40C**
Altitude:	**1000m above sea level**

ELECTRICAL DATA

Power (kW):			**0.18**
Frequency (Hz):			**50HZ**
Speed (RPM):			**710.0**
Eff% (@400V)	**100%: 67.2**	**75%: 64.1**	**50%: 56.8**
Power Factor (Cos PHI):			**0.52**
Tst/Tn:			**2.3**
Tmax/Tn:			**2.7**
Tmin/Tn:			**2**
Ist/In:			**3.4**
Moment of Inertia (kg*m2):			**0.002323**

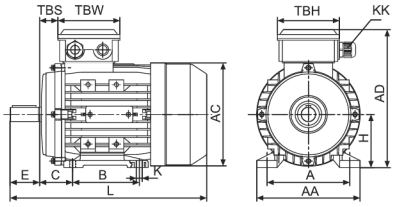
Current (A)		
220V	380V	660V
1.35	**0.78**	**0.45**

Current (A)		
230V	400V	690V
1.29	**0.74**	**0.43**

Current (A)		
240V	415V	720V
1.24	**0.72**	**0.41**

MECHANICAL DATA

IM B3



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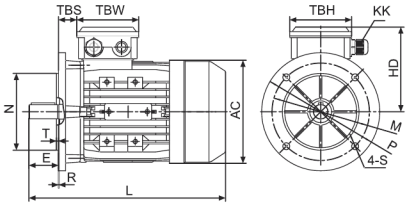

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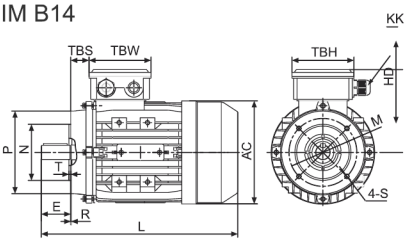

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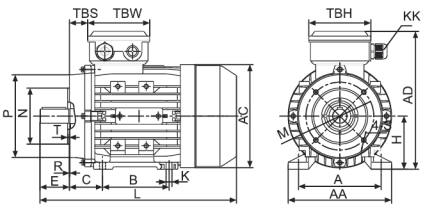

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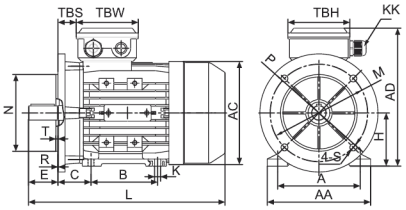

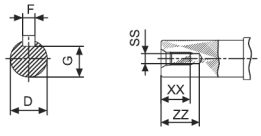

Frame	Foot Mounting					Shaft							General									
	H	A	B	C	K	D	E	F	G	SS	XX	ZZ	AA	AD	HD	AC	L	LCCL	KK	TBS	TBW	TBH
80	80.0	125	100	50.0	10X13	Ø19	40.0	6.0	15.5	M6	16.0	21.0	160.0	213.0	133.0	Ø163	290	339	1-M20X1.5	27.0	105.0	105.0