DATASHEET

IE4 THREE PHASES MOTOR



GENERAL DATA

Motor Code:	**MS4-631-2**
Power (kW):	**0.18**
Frame Size:	**63**
Housing Material:	**Aluminium**
Net Weight (kg):	**3.8**
Insulation Class:	**F**
Protection Degree:	**IP55**
Service Duty:	**S1**
Efficiency Class:	**IE4**
Cooling Method:	**IC411**
Standard:	**IEC 60034**
Bearing Types:	**6201 ZZ**
Noise Level (dB):	**61**
Moment of Inertia (kg*m2):	**0.000245**
Ambient Temp.:	**-15C to +40C**
Altitude:	**1000m above sea level**

ELECTRICAL DATA

Power (kW):			**0.18**
Frequency (Hz):			**50HZ**
Speed (RPM):			**2870.0**
Eff% (@400V)	**100%: 70.8**	**75%: 68.8**	**50%: 63.6**
Power Factor (Cos PHI):			**0.75**
Tst/Tn:			**2.6**
Tmax/Tn:			**2.9**
Tmin/Tn:			**2**
Ist/In:			**5.5**
Moment of Inertia (kg*m2):			**0.000245**

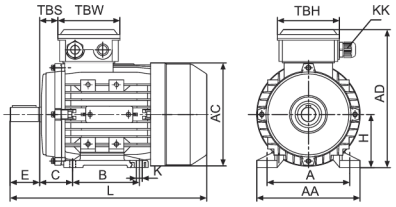
Current (A)		
220V	380V	660V
0.89	**0.52**	**0.3**

Current (A)		
230V	400V	690V
0.85	**0.49**	**0.28**

Current (A)		
240V	415V	720V
0.82	**0.47**	**0.27**

MECHANICAL DATA

IM B3



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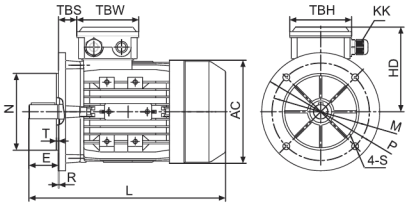

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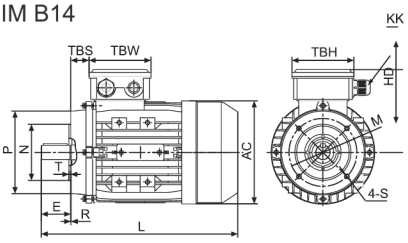

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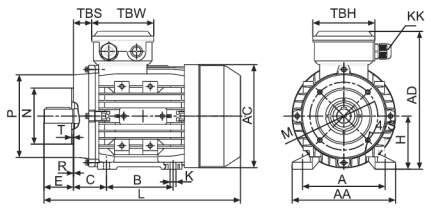

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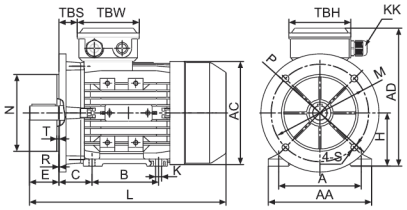

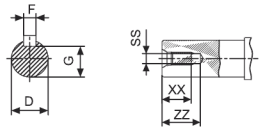

Frame	Foot Mounting					Shaft							General									
	H	A	B	C	K	D	E	F	G	SS	XX	ZZ	AA	AD	HD	AC	L	LCCL	KK	TBS	TBW	TBH
63	63.0	100	80	40.0	7X10	Ø11	23.0	4.0	8.5	M4	10.0	14.0	120.0	171.0	108.0	Ø130	220	258	1-M16X1.5	14.0	94.0	94.0