DATASHEET

IE4 THREE PHASES MOTOR



GENERAL DATA

Motor Code:	**MS4-801-4**
Power (kW):	**0.55**
Frame Size:	**80**
Housing Material:	**Aluminium**
Net Weight (kg):	**11**
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):	**57**
Moment of Inertia (kg*m2):	**0.002047**
Ambient Temp.:	**-15C to +40C**
Altitude:	**1000m above sea level**

ELECTRICAL DATA

Power (kW):			**0.55**
Frequency (Hz):			**50HZ**
Speed (RPM):			**1440.0**
Eff% (@400V)	**100%: 83.9**	**75%: 83.3**	**50%: 80.6**
Power Factor (Cos PHI):			**0.67**
Tst/Tn:			**3.4**
Tmax/Tn:			**3.7**
Tmin/Tn:			**3**
Ist/In:			**6.8**
Moment of Inertia (kg*m2):			**0.002047**

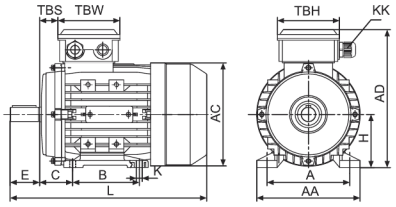
Current (A)		
220V	380V	660V
2.57	**1.49**	**0.86**

Current (A)		
230V	400V	690V
2.46	**1.41**	**0.82**

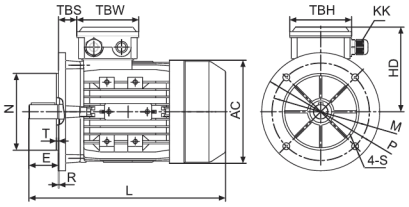
Current (A)		
240V	415V	720V
2.35	**1.36**	**0.78**

MECHANICAL DATA

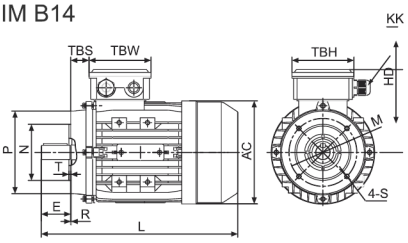
IM B3



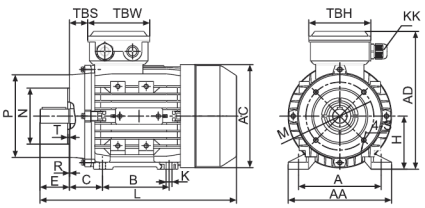
IM B5



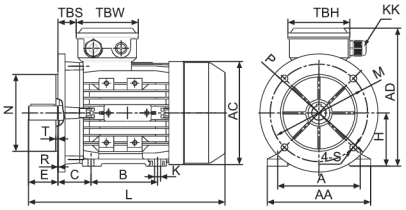
IM B14

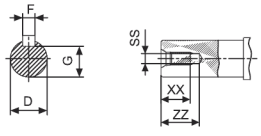


IM B34



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
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