DATASHEET

IE4 THREE PHASES MOTOR



GENERAL DATA

Motor Code:	**MS4-100L1-8**
Power (kW):	**0.75**
Frame Size:	**100**
Housing Material:	**Aluminium**
Net Weight (kg):	**20.5**
Insulation Class:	**F**
Protection Degree:	**IP55**
Service Duty:	**S1**
Efficiency Class:	**IE4**
Cooling Method:	**IC411**
Standard:	**IEC 60034**
Bearing Types:	**6206 ZZ**
Noise Level (dB):	**59**
Moment of Inertia (kg*m2):	**0.00834**
Ambient Temp.:	**-15C to +40C**
Altitude:	**1000m above sea level**

ELECTRICAL DATA

Power (kW):			**0.75**
Frequency (Hz):			**50HZ**
Speed (RPM):			**710.0**
Eff% (@400V)	**100%: 78.4**	**75%: 77.9**	**50%: 74.4**
Power Factor (Cos PHI):			**0.64**
Tst/Tn:			**2.1**
Tmax/Tn:			**2.8**
Tmin/Tn:			**2.1**
Ist/In:			**4.3**
Moment of Inertia (kg*m2):			**0.00834**

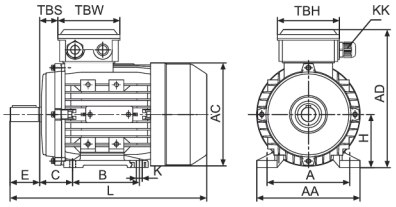
Current (A)		
220V	380V	660V
3.92	**2.27**	**1.31**

Current (A)		
230V	400V	690V
3.75	**2.16**	**1.25**

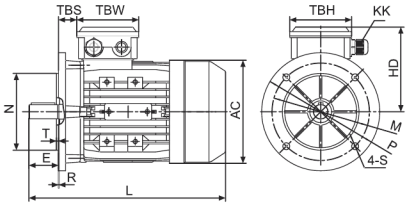
Current (A)		
240V	415V	720V
3.6	**2.08**	**1.2**

MECHANICAL DATA

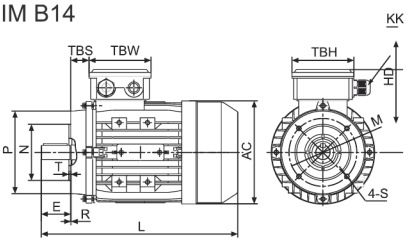
IM B3



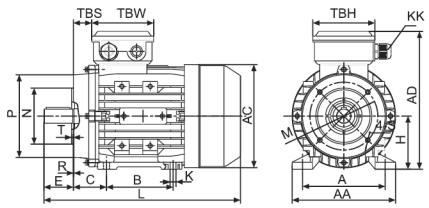
IM B5



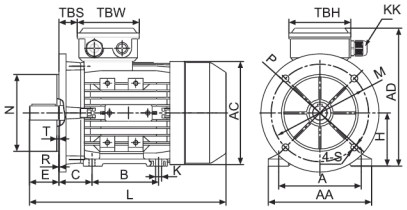
IM B14

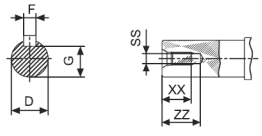


IM B34



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
100	100.0	160	140	63.0	12X15	Ø28	60.0	8.0	24.0	M10	22.0	30.0	198.0	252.0	152.0	Ø205	369(387)	425(443)	2-M20X1.5	26.0	105.0	105.0