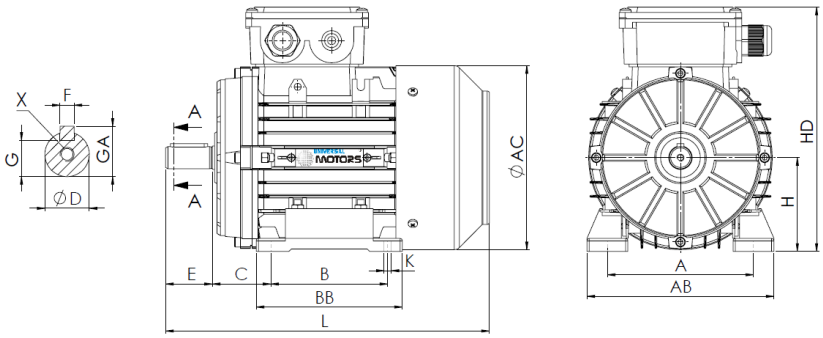
Technical Data Sheet
Electric Motor Three phase in Aluminum IE3



L (standard motor)
400

L (motor w/brake)
470

L (motor w/forced ventilation)
510

L (motor without ventilation)
342

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
112	190	140	70	12	28j6	60	8	24	31	M10x22	227	183	220	279	-	-	-	-	-

Electrical Data

Type	UM3A 112M2-2	
Poles	2/3000	Poles
Power	5.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2920	rpm
Nominal current	9.78	A
Power factor	0.91	
Efficiency 100%	89.2	%
Efficiency 75%	89.6	%
Efficiency 50%	89.1	%
Torque	17.9	N.m
Ta/Tn	3.3	
Ia/In	11.9	
Tm/Tn	4.2	

Mechanical Data

Shaft height	112	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	78	dB(A)
Weight	35.7	kg
Bearing DE	6306 ZZ C3	
Bearing NDE	6206 ZZ C3	

Extra Data

Applicable brakes

DC brake	REB-05-14	Brake torque	60	N.m
AC brake	AC6	Brake torque	60	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	80	W
Three-phase forced ventilation	Power	80	W

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