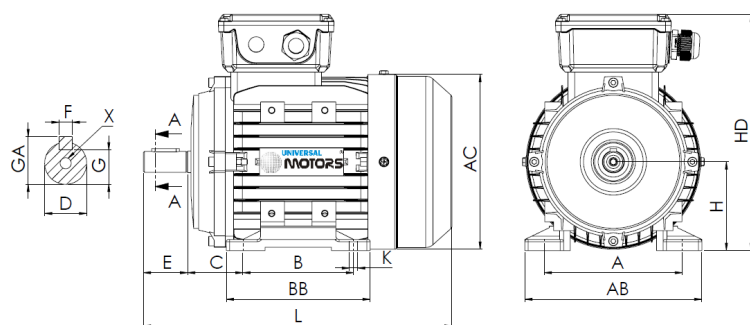


Technical Data Sheet
Electric Motor Three phase in Aluminum IE2



L (standard motor)

390

L (motor w/brake)

490

L (motor w/forced ventilation)

505

L (motor without ventilation)

340

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	220	180	230	286	-	-	-	-	-

Electrical Data

Type	HE31/UMHA*	
	112M2-2	
Poles	2/3000	Poles
Power	5.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2910	rpm
Nominal current	10.13	A
Power factor	0.90	
Efficiency 100%	87.0	%
Efficiency 75%	88.1	%
Efficiency 50%	87.6	%
Torque	18.05	N.m
Ta/Tn	2.7	
Ia/In	9.5	
Tm/Tn	3.2	

Mechanical Data

Shaft height	112	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	85	dB(A)
Weight	36.1	kg
Bearing DE	6306 2Z C3	
Bearing NDE	6306 2Z 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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