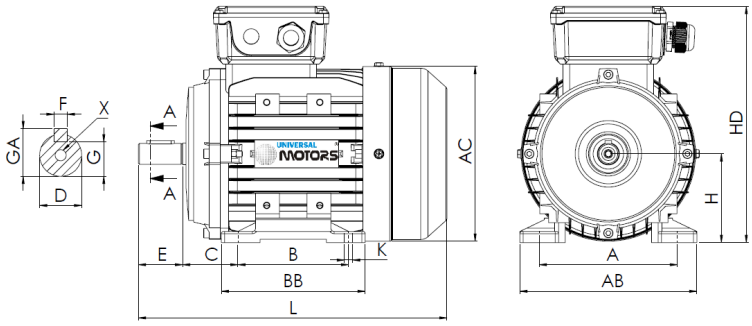
Technical Data Sheet
Electric Motor Three phase in Aluminum IE2



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* 112M1-4	
Poles	4/1500	Poles
Power	4.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1450	rpm
Nominal current	8.13	A
Power factor	0.82	
Efficiency 100%	86.6	%
Efficiency 75%	86.8	%
Efficiency 50%	85.9	%
Torque	26.34	N.m
Ta/Tn	2.3	
Ia/In	7.7	
Tm/Tn	2.3	

Mechanical Data

Shaft height	112	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	72	dB(A)
Weight	39	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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