

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*	
	112M1-6	
Poles	6/1000	Poles
Power	2.20	Kw
Voltage	400	V
Frequency	50	Hz
Speed	950	rpm
Nominal current	5.24	A
Power factor	0.74	
Efficiency 100%	81.8	%
Efficiency 75%	81.9	%
Efficiency 50%	81.8	%
Torque	22.1	N.m
Ta/Tn	2.1	
Ia/In	6.0	
Tm/Tn	2.1	

**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	22.1	dB(A)
Weight	70	kg
Bearing DE	6306 2Z C3	
Bearing NDE	6306 2Z C3	

**Extra Data**

**Applicable brakes**

DC brake	NA	Brake torque	NA	N.m
AC brake	NA	Brake torque	NA	N.m

**Applicable forced ventilations**

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

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