

Technical Data Sheet
Electric Motor Three phase in Aluminum IE2



L (standard motor)

503

L (motor w/brake)

590

L (motor w/forced ventilation)

630

L (motor without ventilation)

391

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
132	216	178	89	12	38k6	80	10	33	41	M12x28	254	214	265	324	-	-	-	-	-

Electrical Data

Type	HE31/UMHA*	
	132M2-2	
Poles	2/3000	Poles
Power	11.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2900	rpm
Nominal current	19.52	A
Power factor	0.91	
Efficiency 100%	89.4	%
Efficiency 75%	90.9	%
Efficiency 50%	91.2	%
Torque	36.22	N.m
Ta/Tn	2.3	
Ia/In	8.0	
Tm/Tn	3.1	

Mechanical Data

Shaft height	132	
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	57.4	kg
Bearing DE	6308 2Z C3	
Bearing NDE	6308 2Z C3	

Extra Data

Applicable brakes

DC brake	REB-05-16	Brake torque	80	N.m
AC brake	AC7	Brake torque	90	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	55	W
Three-phase forced ventilation	Power	55	W