

Technical Data Sheet
Electric Motor Three phase in Aluminum IE4



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	UM4A 112M1-4
Poles	4/1500 Poles
Power	4.00 Kw
Voltage	400 V
Frequency	50 Hz
Speed	1460 rpm
Nominal current	7.92 A
Power factor	0.80
Efficiency 100%	91.1 %
Efficiency 75%	91.0 %
Efficiency 50%	90.0 %
Torque	26.16 N.m
Ta/Tn	4
Ia/In	9.8
Tm/Tn	3

Mechanical Data

Shaft height	112
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	65 dB(A)
Weight	41 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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