

Technical Data Sheet
Electric Motor Three phase in Aluminum IE1



L (standard motor)

250

L (motor w/brake)

300

L (motor w/forced ventilation)

360

L (motor without ventilation)

208

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
71	112	90	45	7	14j6	30	5	11	16	M5x12	132	105	147	190	-	-	-	-	-

Electrical Data

Type	BF31/UMA* 71M1-4		
Poles	4/1500	Poles	
Power	0.25	Kw	
Voltage	400	V	
Frequency	50	Hz	
Speed	1400	rpm	
Nominal current	0.79	A	
Power factor	0.68		
Efficiency 100%	67.0	%	
Efficiency 75%	-	%	
Efficiency 50%	-	%	
Torque	1.71	N.m	
Ta/Tn	2.4		
Ia/In	6.0		
Tm/Tn	2.4		

Mechanical Data

Shaft height	71	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	55	dB(A)
Weight	5.4	kg
Bearing DE	6202 2Z C3	
Bearing NDE	6202 2Z C3	

Extra Data

Applicable brakes

DC brake	REB-05-06	Brake torque	4	N.m
AC brake	AC2	Brake torque	10	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	35	W
Three-phase forced ventilation	Power	35	W

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