

Technical Data Sheet
Electric Motor Three phase in Aluminum IE1



L (standard motor)

322

L (motor w/brake)

395

L (motor w/forced ventilation)

435

L (motor without ventilation)

289

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
90	140	125	56	10	24j6	50	8	20	27	M8x19	175	155	182	235	-	-	-	-	-

Electrical Data

Type	BF31/UMA* 90L-8	
Poles	8/750	Poles
Power	0.55	Kw
Voltage	400	V
Frequency	50	Hz
Speed	700	rpm
Nominal current	1.92	A
Power factor	0.60	
Efficiency 100%	69.0	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	7.5	N.m
Ta/Tn	1.8	
Ia/In	4.5	
Tm/Tn	1.9	

Mechanical Data

Shaft height	90
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	56 dB(A)
Weight	15 kg
Bearing DE	6205 2Z C3
Bearing NDE	6204 2Z C3

Extra Data

Applicable brakes

DC brake	REB-05-10	Brake torque	16	N.m
AC brake	AC4	Brake torque	20	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	45	W
Three-phase forced ventilation	Power	45	W

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