

Technical Data Sheet
Electric Motor Three phase in Aluminum IE1



L (standard motor)

296

L (motor w/brake)

365

L (motor w/forced ventilation)

405

L (motor without ventilation)

259

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	100	56	10	24j6	50	8	20	27	M8x19	175	130	182	235	-	-	-	-	-

Electrical Data

Type	BF31/UMA* 90S-8	
Poles	8/750	Poles
Power	0.37	Kw
Voltage	400	V
Frequency	50	Hz
Speed	700	rpm
Nominal current	1.35	A
Power factor	0.58	
Efficiency 100%	68.0	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	5.05	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	12	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