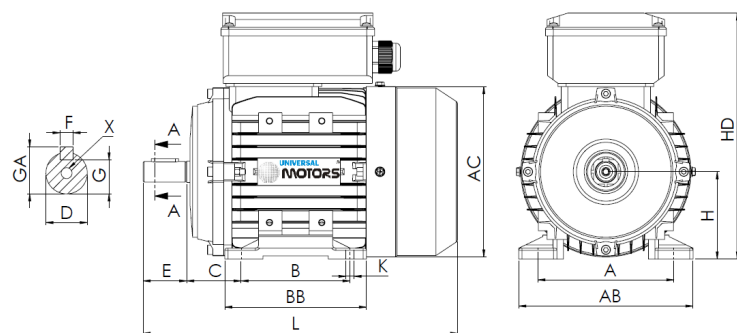


Technical Data Sheet
Electric Motor 1 phase in Aluminum IE1



L (standard motor)

368

L (motor w/brake)

445

L (motor w/forced ventilation)

485

L (motor without ventilation)

320

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
100	160	140	63	12	28j6	60	8	24	31	M10x22	198	175	196	265	-	-	-	-	-

Electrical Data

Type	BF31C 100L-4	
Poles	4/1500	Poles
Power	2.20	Kw
Voltage	230	V
Frequency	50	Hz
Speed	1390	rpm
Nominal current	12.64	A
Power factor	0.97	
Efficiency 100%	78.0	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	15.11	N.m
Ta/Tn	0.4	
Ia/In	3.9	
Tm/Tn	1.75	

Mechanical Data

Shaft height	100
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	- dB(A)
Weight	24.5 kg
Bearing DE	6206 2Z C3
Bearing NDE	6206 2Z C3

Extra Data

Applicable brakes

DC brake	REB-05-12	Brake torque	32	N.m
AC brake	NA	Brake torque	NA	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	65	W
Three-phase forced ventilation	Power	NA	W

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