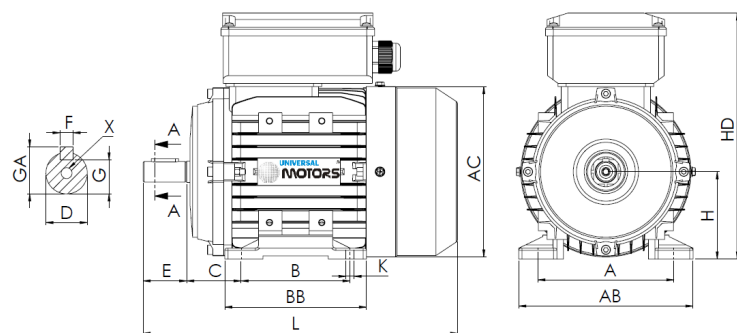


Technical Data Sheet
Electric Motor 1 phase in Aluminum IE1



L (standard motor)

312

L (motor w/brake)

371

L (motor w/forced ventilation)

417

L (motor without ventilation)

266

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	175	243	-	-	-	-	-

Electrical Data

Type	BF31C 90S-4	
Poles	4/1500	Poles
Power	1.10	Kw
Voltage	230	V
Frequency	50	Hz
Speed	1355	rpm
Nominal current	7.00	A
Power factor	0.95	
Efficiency 100%	72.0	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	7.75	N.m
Ta/Tn	0.68	
Ia/In	3.1	
Tm/Tn	1.8	

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	- dB(A)
Weight	14.4 kg
Bearing DE	6205 2Z C3
Bearing NDE	6205 2Z C3

Extra Data

Applicable brakes

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

Applicable forced ventilations

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

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