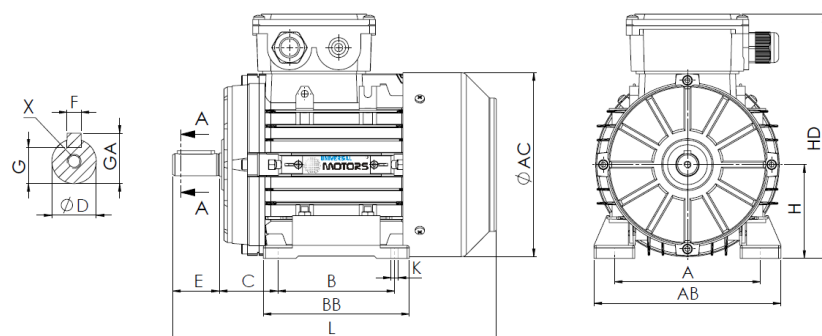


Technical Data Sheet
Electric Motor Three phase in Aluminum IE1



L (standard motor)

345

L (motor w/brake)

390

L (motor w/forced ventilation)

447

L (motor without ventilation)

290

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	180	157	176	245	-	-	-	-	-

Electrical Data

Type	UM1A 90L-8	
Poles	8/750	Poles
Power	0.55	Kw
Voltage	400	V
Frequency	50	Hz
Speed	705	rpm
Nominal current	2.11	A
Power factor	0.58	
Efficiency 100%	65.0	%
Efficiency 75%	62.5	%
Efficiency 50%	55.6	%
Torque	7.45	N.m
Ta/Tn	1.9	
Ia/In	3.4	
Tm/Tn	2.3	

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	14 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	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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