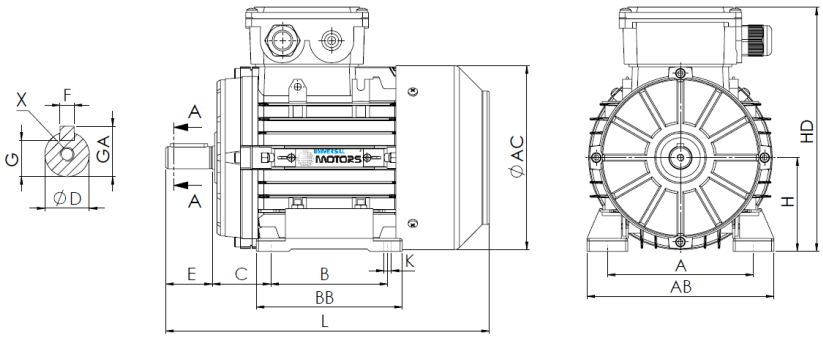
Technical Data Sheet
Electric Motor Three phase in Aluminum IE1



L (standard motor)
245

L (motor w/brake)
300

L (motor w/forced ventilation)
350

L (motor without ventilation)
212

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
71	112	90	45	7	14j6	30	5	11	16	M5x12	142	110	138	198	-	-	-	-	-

Electrical Data

Type	UM1A 71M2-2	
Poles	2/3000	Poles
Power	0.55	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2850	rpm
Nominal current	1.32	A
Power factor	0.82	
Efficiency 100%	73.2	%
Efficiency 75%	73.4	%
Efficiency 50%	69.1	%
Torque	1.84	N.m
Ta/Tn	1.8	
Ia/In	5.1	
Tm/Tn	2.3	

Mechanical Data

Shaft height	71	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	64	dB(A)
Weight	6.1	kg
Bearing DE	6202 2Z C3	
Bearing NDE	6202 2Z C3	

Extra Data

Applicable brakes

DC brake	REB-05-06	Brake torque	4	N.m
AC brake	AC2	Brake torque	10	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	35	W
Three-phase forced ventilation	Power	35	W

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