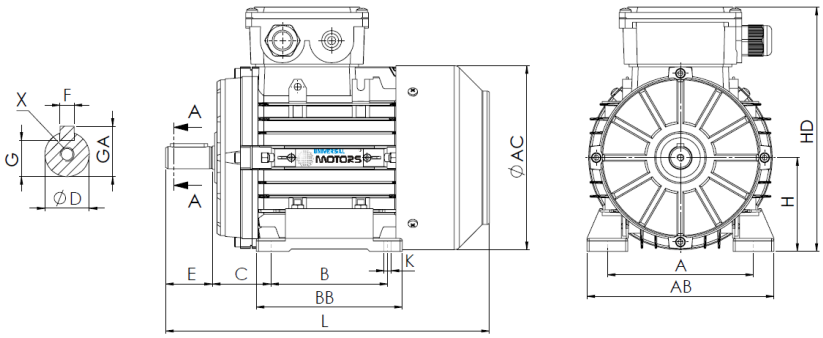
Technical Data Sheet
Electric Motor Three phase in Aluminum IE1



L (standard motor)
195

L (motor w/brake)
NA

L (motor w/forced ventilation)
NA

L (motor without ventilation)
165

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
56	90	71	36	6	9j6	20	3	7.2	10.2	M3x9	112	93	110	146	-	-	-	-	-

Electrical Data

Type	UM1A 56M3-4	
Poles	4/1500	Poles
Power	0.12	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1390	rpm
Nominal current	0.49	A
Power factor	0.61	
Efficiency 100%	58.5	%
Efficiency 75%	54.3	%
Efficiency 50%	45.6	%
Torque	0.82	N.m
Ta/Tn	2.7	
Ia/In	3.2	
Tm/Tn	2.8	

Mechanical Data

Shaft height	56	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	52	dB(A)
Weight	3.7	kg
Bearing DE	6201 2Z C3	
Bearing NDE	6201 2Z C3	

Extra Data

Applicable brakes

DC brake	NA	Brake torque	NA	N.m
AC brake	NA	Brake torque	NA	N.m

Applicable forced ventilations

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

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