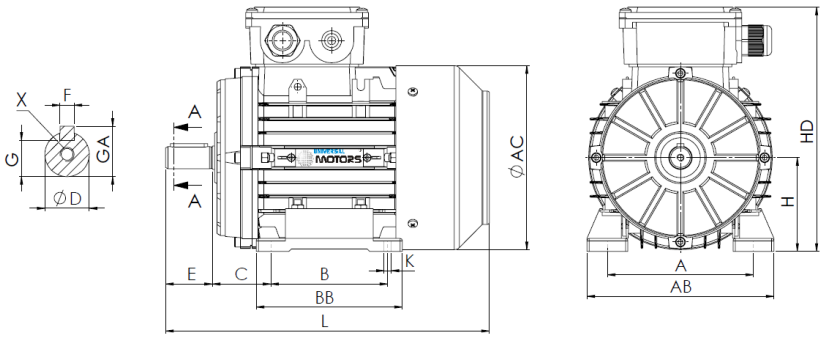
Technical Data Sheet
Electric Motor Three phase in Aluminum IE3



L (standard motor)
500

L (motor w/brake)
590

L (motor w/forced ventilation)
620

L (motor without ventilation)
438

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
132	216	178	89	12	38k6	80	10	33	41	M12x18	265	230	259	318	-	-	-	-	-

Electrical Data

Type	UM3A 132M3-6	
Poles	6/1000	Poles
Power	7.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	970	rpm
Nominal current	16.88	A
Power factor	0.72	
Efficiency 100%	89.1	%
Efficiency 75%	89.6	%
Efficiency 50%	88.6	%
Torque	73.8	N.m
Ta/Tn	3.3	
Ia/In	8.3	
Tm/Tn	3.2	

Mechanical Data

Shaft height	132	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	68	dB(A)
Weight	67.59999999999999kg	
Bearing DE	6308 ZZ C3	
Bearing NDE	6208 ZZ C3	

Extra Data

Applicable brakes

DC brake	REB-05-16	Brake torque	80	N.m
AC brake	AC7	Brake torque	90	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	55	W
Three-phase forced ventilation	Power	55	W

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