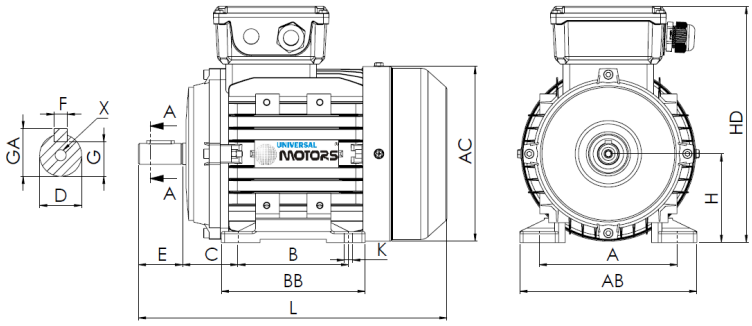
Technical Data Sheet
Electric Motor Three phase in Aluminum IE2



L (standard motor)
477

L (motor w/brake)
570

L (motor w/forced ventilation)
605

L (motor without ventilation)
371

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	M12x28	254	214	265	324	-	-	-	-	-

Electrical Data

Type	HE31/UMHA* 132M1-4	
Poles	4/1500	Poles
Power	7.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1440	rpm
Nominal current	14.70	A
Power factor	0.83	
Efficiency 100%	88.7	%
Efficiency 75%	88.9	%
Efficiency 50%	88.7	%
Torque	49.22	N.m
Ta/Tn	2	
Ia/In	7.4	
Tm/Tn	2.3	

Mechanical Data

Shaft height	132	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	75	dB(A)
Weight	59.5	kg
Bearing DE	6308 2Z C3	
Bearing NDE	6308 2Z 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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