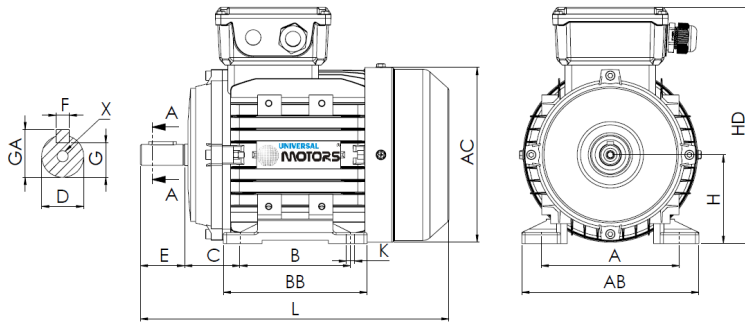


Technical Data Sheet  
Electric Motor Three phase in Aluminum IE2



L (standard motor)

278

L (motor w/brake)

345

L (motor w/forced ventilation)

390

L (motor without ventilation)

247

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
80	125	100	50	10	19j6	40	6	15.5	21.5	M6x16	160	130	165	217	-	-	-	-	-

### Electrical Data

Type	HE31/UMHA*	
	80M2-6	
Poles	6/1000	Poles
Power	0.55	Kw
Voltage	400	V
Frequency	50	Hz
Speed	890	rpm
Nominal current	1.50	A
Power factor	0.72	
Efficiency 100%	73.1	%
Efficiency 75%	73.7	%
Efficiency 50%	70.1	%
Torque	5.9	N.m
Ta/Tn	2	
Ia/In	4.5	
Tm/Tn	2.1	

### Mechanical Data

Shaft height	80	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	5.9	dB(A)
Weight	63	kg
Bearing DE	6204 2Z C3	
Bearing NDE	6204 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	45	W
Three-phase forced ventilation	Power	45	W

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