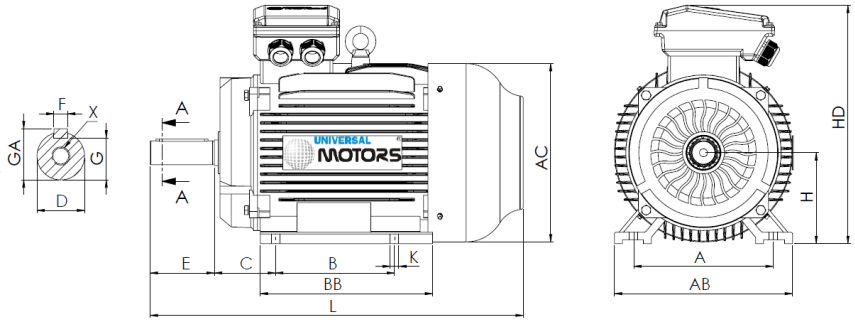
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE2



L (standard motor)
305

L (motor w/brake)
405

L (motor w/forced ventilation)
410

L (motor without ventilation)
295

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	165	130	158	220	-	-	-	-	-

Electrical Data

Type	HE30 80M2-2	
Poles	2/3000	Poles
Power	1.10	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2870	rpm
Nominal current	2.40	A
Power factor	0.83	
Efficiency 100%	79.6	%
Efficiency 75%	80.0	%
Efficiency 50%	78.5	%
Torque	3.7	N.m
Ta/Tn	2.3	
Ia/In	7.1	
Tm/Tn	2.3	

Mechanical Data

Shaft height	80	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	62	dB(A)
Weight	23	kg
Bearing DE	6204 2Z C3	
Bearing NDE	6204 2Z C3	

Extra Data

Applicable brakes

DC brake	REB-05-08	Brake torque	8	N.m
AC brake	AC3	Brake torque	16	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	45	W
Three-phase forced ventilation	Power	45	W

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