

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE1



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	EM30 80M2-2	
Poles	2/3000	Poles
Power	1.10	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2840	rpm
Nominal current	2.48	A
Power factor	0.84	
Efficiency 100%	76.2	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	3.7	N.m
Ta/Tn	2.2	
Ia/In	6.9	
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.	-10°C-40°C
Altitude	1000
Noise	67 dB(A)
Weight	16.5 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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