

Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE1



L (standard motor)

930

L (motor w/brake)

NA

L (motor w/forced ventilation)

1050

L (motor without ventilation)

830

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
250	406	349	168	24	65m6	140	18	58	69	M20x42	490	485	485	615	-	-	-	-	-

### Electrical Data

Type	EM30 250M-4	
Poles	4/1500	Poles
Power	55.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1480	rpm
Nominal current	98.12	A
Power factor	0.87	
Efficiency 100%	93.0	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	354.87	N.m
Ta/Tn	2.2	
Ia/In	7.2	
Tm/Tn	2.3	

### Mechanical Data

Shaft height	250
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	83 dB(A)
Weight	366 kg
Bearing DE	6314 C3
Bearing NDE	6314 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	NA	W
Three-phase forced ventilation	Power	200	W

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