

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE1



L (standard motor)

865

L (motor w/brake)

1030

L (motor w/forced ventilation)

995

L (motor without ventilation)

745

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
225	356	311	149	19	60m6	140	18	53	64	M20x42	435	445	445	560	-	-	-	-	-

Electrical Data

Type	EM30 225M-4	
Poles	4/1500	Poles
Power	45.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1475	rpm
Nominal current	80.72	A
Power factor	0.87	
Efficiency 100%	92.5	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	291.33	N.m
Ta/Tn	2.2	
Ia/In	7.2	
Tm/Tn	2.3	

Mechanical Data

Shaft height	225	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	81	dB(A)
Weight	313	kg
Bearing DE	6313 C3	
Bearing NDE	6313 C3	

Extra Data

Applicable brakes

DC brake	K9D	Brake torque	600	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	170	W

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