

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE1



L (standard motor)

715

L (motor w/brake)

870

L (motor w/forced ventilation)

810

L (motor without ventilation)

620

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
180	279	241	121	15	48k6	110	14	42.5	51.5	M16x36	355	298	355	455	-	-	-	-	-

Electrical Data

Type	EM30 180M-4	
Poles	4/1500	Poles
Power	18.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1470	rpm
Nominal current	34.50	A
Power factor	0.86	
Efficiency 100%	90.0	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	120.18	N.m
Ta/Tn	2.2	
Ia/In	7.5	
Tm/Tn	2.3	

Mechanical Data

Shaft height	180
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	76 dB(A)
Weight	150 kg
Bearing DE	6311 C3
Bearing NDE	6311 C3

Extra Data

Applicable brakes

DC brake	K8D	Brake torque	400	N.m
AC brake	AC8D	Brake torque	400	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	NA	W
Three-phase forced ventilation	Power	85	W

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