

Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE1



L (standard motor)

755

L (motor w/brake)

910

L (motor w/forced ventilation)

840

L (motor without ventilation)

660

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	279	121	15	48k6	110	14	42.5	51.5	M16x36	355	350	355	455	-	-	-	-	-

### Electrical Data

Type	EM30 180L-4	
Poles	4/1500	Poles
Power	22.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1470	rpm
Nominal current	40.80	A
Power factor	0.86	
Efficiency 100%	90.5	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	142.91	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	166 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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