

Technical Data Sheet  
 Electric Motor Three phase in Cast Iron IE1



L (standard motor)

790

L (motor w/brake)

985

L (motor w/forced ventilation)

945

L (motor without ventilation)

695

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
200	318	305	133	19	55m6	110	16	49	59	M20x42	385	370	397	505	-	-	-	-	-

**Electrical Data**

Type	EM30 200L-4
Poles	4/1500 Poles
Power	30.00 Kw
Voltage	400 V
Frequency	50 Hz
Speed	1470 rpm
Nominal current	55.10 A
Power factor	0.86
Efficiency 100%	91.4 %
Efficiency 75%	- %
Efficiency 50%	- %
Torque	194.88 N.m
Ta/Tn	2.2
Ia/In	7.2
Tm/Tn	2.3

**Mechanical Data**

Shaft height	200
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	79 dB(A)
Weight	228 kg
Bearing DE	6312 C3
Bearing NDE	6312 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	110	W

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