

Technical Data Sheet
 Electric Motor Three phase in Cast Iron IE1



L (standard motor)

1345

L (motor w/brake)

1555

L (motor w/forced ventilation)

1525

L (motor without ventilation)

1170

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
315	508	508	216	28	80m6	170	22	71	85	M20x42	635	680	620	845	-	-	-	-	-

Electrical Data

Type	EM30 315L1-8	
Poles	8/750	Poles
Power	90.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	735	rpm
Nominal current	169.00	A
Power factor	0.82	
Efficiency 100%	93.8	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	1169.3	N.m
Ta/Tn	1.8	
Ia/In	6.4	
Tm/Tn	2	

Mechanical Data

Shaft height	315
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	82 dB(A)
Weight	1075 kg
Bearing DE	NU 319
Bearing NDE	6319 C3

Extra Data

Applicable brakes

DC brake	K11D	Brake torque	2000/2800 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	450	W

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