

Technical Data Sheet  
 Electric Motor Three phase in Cast Iron IE2



L (standard motor)

1335

L (motor w/brake)

1545

L (motor w/forced ventilation)

1515

L (motor without ventilation)

1160

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	457	216	28	80m6	170	22	71	85	M20x42	635	680	620	845	-	-	-	-	-

**Electrical Data**

Type	HE30 315M-8	
Poles	8/750	Poles
Power	75.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	735	rpm
Nominal current	145.90	A
Power factor	0.81	
Efficiency 100%	91.6	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	974.42	N.m
Ta/Tn	1.8	
Ia/In	6.2	
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	1026 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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