

Technical Data Sheet  
 Electric Motor Three phase in Cast Iron IE2



L (standard motor)

645

L (motor w/brake)

755

L (motor w/forced ventilation)

765

L (motor without ventilation)

555

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
160	254	210	108	15	42k6	110	12	37	45	M16x36	320	258	315	420	-	-	-	-	-

**Electrical Data**

Type	HE30 160M-6	
Poles	6/1000	Poles
Power	7.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	970	rpm
Nominal current	15.92	A
Power factor	0.78	
Efficiency 100%	87.2	%
Efficiency 75%	87.6	%
Efficiency 50%	86.3	%
Torque	73.83	N.m
Ta/Tn	2.1	
Ia/In	6.8	
Tm/Tn	2.1	

**Mechanical Data**

Shaft height	160	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	73	dB(A)
Weight	118	kg
Bearing DE	6309 C3	
Bearing NDE	6309 C3	

**Extra Data**

**Applicable brakes**

DC brake	K8	Brake torque	200	N.m
AC brake	AC8	Brake torque	200	N.m

**Applicable forced ventilations**

Single-phase forced ventilation	Power	NA	W
Three-phase forced ventilation	Power	60	W

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