

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE2



L (standard motor)

930

L (motor w/brake)

1130

L (motor w/forced ventilation)

1050

L (motor without ventilation)

830

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
250	406	349	168	24	65m6	140	18	58	69	M20x42	490	485	485	615	-	-	-	-	-

Electrical Data

Type	HE30 250M-6	
Poles	6/1000	Poles
Power	37.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	980	rpm
Nominal current	69.80	A
Power factor	0.83	
Efficiency 100%	92.2	%
Efficiency 75%	92.6	%
Efficiency 50%	91.9	%
Torque	360.53	N.m
Ta/Tn	2.1	
Ia/In	7.0	
Tm/Tn	2.1	

Mechanical Data

Shaft height	250	
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	405	kg
Bearing DE	6314 C3	
Bearing NDE	6314 C3	

Extra Data

Applicable brakes

DC brake	K10	Brake torque	500-800	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	200	W

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