

Technical Data Sheet
 Electric Motor Three phase in Cast Iron IE4



L (standard motor)

950

L (motor w/brake)

NA

L (motor w/forced ventilation)

1070

L (motor without ventilation)

850

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	60m6	140	18	53	64	M20x42	490	485	485	615	-	-	-	-	-

Electrical Data

Type	UM4C 250M-2	
Poles	2/3000	Poles
Power	55.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2980	rpm
Nominal current	93.60	A
Power factor	0.89	
Efficiency 100%	95.3	%
Efficiency 75%	95.5	%
Efficiency 50%	93.9	%
Torque	176.2	N.m
Ta/Tn	2	
Ia/In	9.0	
Tm/Tn	2.3	

Mechanical Data

Shaft height	250	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	89	dB(A)
Weight	401	kg
Bearing DE	6314 C3	
Bearing NDE	6314 C3	

Extra Data

Applicable brakes

DC brake	NA	Brake torque	NA	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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