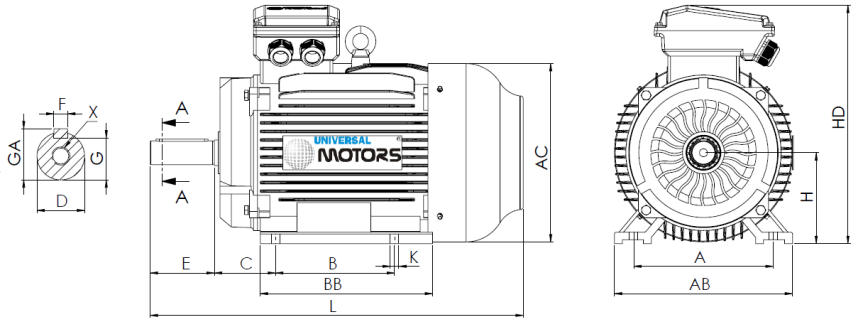
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE4



L (standard motor)
950

L (motor w/brake)
1150

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	65m6	140	18	58	69	M20x42	490	485	485	615	-	-	-	-	-

Electrical Data

Type	UM4C 250M-6	
Poles	6/1000	Poles
Power	37.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	990	rpm
Nominal current	68.09	A
Power factor	0.83	
Efficiency 100%	94.5	%
Efficiency 75%	94.7	%
Efficiency 50%	93.9	%
Torque	356.9	N.m
Ta/Tn	2	
Ia/In	8.3	
Tm/Tn	2.1	

Mechanical Data

Shaft height	250	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	78	dB(A)
Weight	424	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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