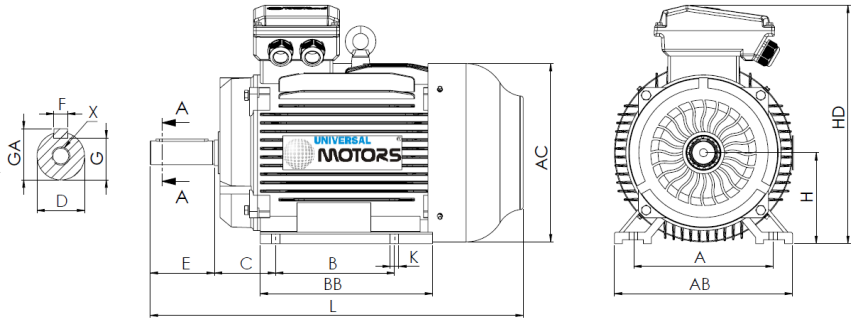
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE4



L (standard motor)
865

L (motor w/brake)
1025

L (motor w/forced ventilation)
1000

L (motor without ventilation)
740

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
225	356	286	149	19	60m6	140	18	53	64	M20x42	435	370	445	560	-	-	-	-	-

Electrical Data

Type	UM4C 225S-4	
Poles	4/1500	Poles
Power	37.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1485	rpm
Nominal current	66.00	A
Power factor	0.85	
Efficiency 100%	95.2	%
Efficiency 75%	95.3	%
Efficiency 50%	94.5	%
Torque	237.946127946128	N.m
Ta/Tn	2	
Ia/In	9.0	
Tm/Tn	2.3	

Mechanical Data

Shaft height	225	
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	350	kg
Bearing DE	6313 C3	
Bearing NDE	6313 C3	

Extra Data

Applicable brakes

DC brake	K9D	Brake torque	600	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	170	W

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