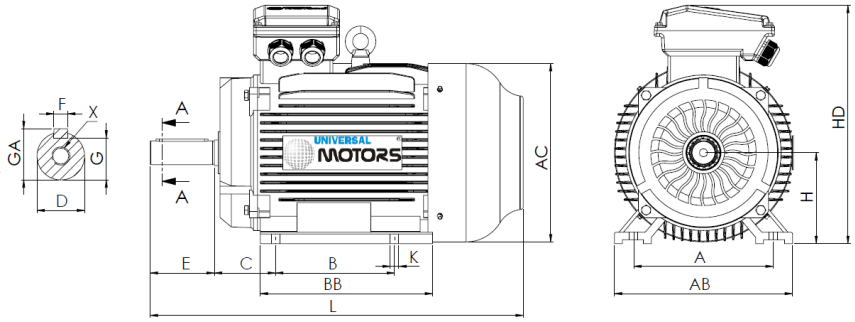
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE4



L (standard motor)
1315

L (motor w/brake)
NA

L (motor w/forced ventilation)
1495

L (motor without ventilation)
1140

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
315	508	508	216	28	65m6	140	18	58	69	M20x42	635	680	620	845	-	-	-	-	-

Electrical Data

Type	UM4C 315L1-2	
Poles	2/3000	Poles
Power	160.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2980	rpm
Nominal current	269.46	A
Power factor	0.89	
Efficiency 100%	96.3	%
Efficiency 75%	96.2	%
Efficiency 50%	95.4	%
Torque	512.7	N.m
Ta/Tn	1.8	
Ia/In	8.5	
Tm/Tn	2.2	

Mechanical Data

Shaft height	315	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	92	dB(A)
Weight	1040	kg
Bearing DE	6317 C3	
Bearing NDE	6317 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	450	W

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