

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE4



L (standard motor)

1305

L (motor w/brake)

NA

L (motor w/forced ventilation)

1485

L (motor without ventilation)

1130

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	457	216	28	65m6	140	18	58	69	M20x42	635	680	620	845	600	550	660	8x24	6

Electrical Data

Type	UM4C 315M-2	
Poles	2/3000	Poles
Power	132.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2980	rpm
Nominal current	222.54	A
Power factor	0.89	
Efficiency 100%	96.2	%
Efficiency 75%	96.3	%
Efficiency 50%	95.4	%
Torque	423.020134228188 N.m	
Ta/Tn	1.8	
Ia/In	8.5	
Tm/Tn	2.3	

Mechanical Data

Shaft height	315
Construction form	B35
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	92 dB(A)
Weight	967 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