

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

1235

L (motor w/brake)

NA

L (motor w/forced ventilation)

1415

L (motor without ventilation)

1060

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
-	-	-	-	-	80m6	170	22	71	85	M20x42	-	-	620	530	600	550	660	8x24	6

Electrical Data

Type	PE30/UM3C* 315S-4		
Poles	4/1500	Poles	
Power	110.00	Kw	
Voltage	400	V	
Frequency	50	Hz	
Speed	1485	rpm	
Nominal current	187.00	A	
Power factor	0.89		
Efficiency 100%	95.4	%	
Efficiency 75%	95.5	%	
Efficiency 50%	94.7	%	
Torque	707.4	N.m	
Ta/Tn	2		
Ia/In	7.0		
Tm/Tn	2.2		

Mechanical Data

Shaft height	-
Construction form	B5
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	88 dB(A)
Weight	922 kg
Bearing DE	NU 319
Bearing NDE	6319 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