

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

1235

L (motor w/brake)

1445

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-6		
Poles	6/1000	Poles	
Power	75.00	Kw	
Voltage	400	V	
Frequency	50	Hz	
Speed	985	rpm	
Nominal current	136.30	A	
Power factor	0.84		
Efficiency 100%	94.6	%	
Efficiency 75%	94.7	%	
Efficiency 50%	93.4	%	
Torque	727.1	N.m	
Ta/Tn	2		
Ia/In	6.6		
Tm/Tn	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	83 dB(A)
Weight	791 kg
Bearing DE	NU 319
Bearing NDE	6319 C3

Extra Data

Applicable brakes

DC brake	K11D	Brake torque	2000/2800 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