

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE3



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
-	-	-	-	-	60m6	140	18	53	64	M20x42	-	-	445	335	400	350	450	8x19	5

Electrical Data

Type	PE30/UM3C* 225S-8	
Poles	8/750	Poles
Power	18.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	730	rpm
Nominal current	39.00	A
Power factor	0.76	
Efficiency 100%	90.1	%
Efficiency 75%	90.4	%
Efficiency 50%	88.7	%
Torque	242	N.m
Ta/Tn	1.9	
Ia/In	6.6	
Tm/Tn	2	

Mechanical Data

Shaft height	-
Construction form	B5
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	73 dB(A)
Weight	315 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