

Technical Data Sheet  
 Electric Motor Three phase in Cast Iron IE4



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
225	356	286	149	19	60m6	140	18	53	64	M20x42	435	370	445	560	-	-	-	-	-

**Electrical Data**

Type	UM4C 225S-4	
Poles	4/1500	Poles
Power	37.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1485	rpm
Nominal current	66.00	A
Power factor	0.85	
Efficiency 100%	95.2	%
Efficiency 75%	95.3	%
Efficiency 50%	94.5	%
Torque	237.946127946128 N.m	
Ta/Tn	2	
Ia/In	9.0	
Tm/Tn	2.3	

**Mechanical Data**

Shaft height	225
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	78 dB(A)
Weight	350 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

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