

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE4



L (standard motor)

745

L (motor w/brake)

NA

L (motor w/forced ventilation)

840

L (motor without ventilation)

650

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
180	279	241	121	15	48k6	110	14	42.5	51.5	M16x36	355	298	355	455	-	-	-	-	-

Electrical Data

Type	UM4C 180M-2	
Poles	2/3000	Poles
Power	22.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2960	rpm
Nominal current	37.96	A
Power factor	0.89	
Efficiency 100%	94.0	%
Efficiency 75%	92.9	%
Efficiency 50%	91.8	%
Torque	70.9797297297297 N.m	
Ta/Tn	2	
Ia/In	9.5	
Tm/Tn	2.3	

Mechanical Data

Shaft height	180
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	83 dB(A)
Weight	208 kg
Bearing DE	6311 C3
Bearing NDE	6311 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	85	W

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