

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE4



L (standard motor)

745

L (motor w/brake)

900

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-4	
Poles	4/1500	Poles
Power	18.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1475	rpm
Nominal current	33.35	A
Power factor	0.85	
Efficiency 100%	94.2	%
Efficiency 75%	93.0	%
Efficiency 50%	92.1	%
Torque	119.779661016949 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	76	dB(A)
Weight	199	kg
Bearing DE	6311 C3	
Bearing NDE	6311 C3	

Extra Data

Applicable brakes

DC brake	K8D	Brake torque	400	N.m
AC brake	AC8D	Brake torque	400	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	NA	W
Three-phase forced ventilation	Power	85	W

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