

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE3



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
-	-	-	-	-	48k6	110	14	42.5	51.5	M16x36	-	-	355	280	300	250	350	4x19	5

Electrical Data

Type	PE30/UM3C*	
	180M-4	
Poles	4/1500	Poles
Power	18.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1475	rpm
Nominal current	33.53	A
Power factor	0.86	
Efficiency 100%	92.6	%
Efficiency 75%	93.0	%
Efficiency 50%	92.1	%
Torque	119.8	N.m
Ta/Tn	2	
Ia/In	7.8	
Tm/Tn	2.3	

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	76	dB(A)
Weight	195	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