

Technical Data Sheet  
 Electric Motor Three phase in Cast Iron IE3



L (standard motor)

685

L (motor w/brake)

NA

L (motor w/forced ventilation)

805

L (motor without ventilation)

595

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
160	254	210	108	15	42k6	110	12	37	45	M16x36	320	258	315	420	-	-	-	-	-

**Electrical Data**

Type	PE30/UM3C*	
	160M2-2	
Poles	2/3000	Poles
Power	15.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2950	rpm
Nominal current	26.50	A
Power factor	0.89	
Efficiency 100%	91.9	%
Efficiency 75%	92.3	%
Efficiency 50%	91.2	%
Torque	48.6	N.m
Ta/Tn	2	
Ia/In	8.1	
Tm/Tn	2.3	

**Mechanical Data**

Shaft height	160	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	81	dB(A)
Weight	136	kg
Bearing DE	6309 C3	
Bearing NDE	6309 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	60	W

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