

Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

685

L (motor w/brake)

795

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*	
	160M-6	
Poles	6/1000	Poles
Power	7.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	970	rpm
Nominal current	15.40	A
Power factor	0.79	
Efficiency 100%	89.1	%
Efficiency 75%	89.6	%
Efficiency 50%	88.4	%
Torque	73.8	N.m
Ta/Tn	2	
Ia/In	7.0	
Tm/Tn	2.1	

### 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	73	dB(A)
Weight	124	kg
Bearing DE	6309 C3	
Bearing NDE	6309 C3	

### Extra Data

#### Applicable brakes

DC brake	K8	Brake torque	200	N.m
AC brake	AC8	Brake torque	200	N.m

#### Applicable forced ventilations

Single-phase forced ventilation	Power	NA	W
Three-phase forced ventilation	Power	60	W

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