

Technical Data Sheet  
 Electric Motor Three phase in Aluminum IE3



L (standard motor)

384

L (motor w/brake)

460

L (motor w/forced ventilation)

495

L (motor without ventilation)

339

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
100	160	140	63	12	28j6	60	8	24	31	M10x22	198	176	205	252	-	-	-	-	-

**Electrical Data**

Type	PE31/UM3A* 100L-6	
Poles	6/1000	Poles
Power	1.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	955	rpm
Nominal current	3.60	A
Power factor	0.73	
Efficiency 100%	82.5	%
Efficiency 75%	83.6	%
Efficiency 50%	82.3	%
Torque	15	N.m
Ta/Tn	2.1	
Ia/In	6.0	
Tm/Tn	2.1	

**Mechanical Data**

Shaft height	100
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	64 dB(A)
Weight	28 kg
Bearing DE	6206 2Z C3
Bearing NDE	6206 2Z C3

**Extra Data**

**Applicable brakes**

DC brake	REB-05-12	Brake torque	32	N.m
AC brake	NA	Brake torque	NA	N.m

**Applicable forced ventilations**

Single-phase forced ventilation	Power	65	W
Three-phase forced ventilation	Power	65	W

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