

Technical Data Sheet  
 Electric Motor Three phase in Aluminum IE1



L (standard motor)

500

L (motor w/brake)

590

L (motor w/forced ventilation)

620

L (motor without ventilation)

438

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
132	216	178	89	12	38k6	80	10	33	41	M12x18	265	230	259	318	-	-	-	-	-

**Electrical Data**

Type	UM1A 132M-8	
Poles	8/750	Poles
Power	3.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	715	rpm
Nominal current	7.49	A
Power factor	0.71	
Efficiency 100%	81.4	%
Efficiency 75%	82.0	%
Efficiency 50%	80.0	%
Torque	40	N.m
Ta/Tn	2	
Ia/In	5.1	
Tm/Tn	2.5	

**Mechanical Data**

Shaft height	132
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	64 dB(A)
Weight	47.4 kg
Bearing DE	6308 ZZ C3
Bearing NDE	6208 ZZ C3

**Extra Data**

**Applicable brakes**

DC brake	REB-05-16	Brake torque	80	N.m
AC brake	AC7	Brake torque	90	N.m

**Applicable forced ventilations**

Single-phase forced ventilation	Power	55	W
Three-phase forced ventilation	Power	55	W

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