

Technical Data Sheet
Electric Motor Three phase in Aluminum IE1



L (standard motor)

380

L (motor w/brake)

450

L (motor w/forced ventilation)

485

L (motor without ventilation)

328

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	205	183	199	267	-	-	-	-	-

Electrical Data

Type	UM1A 100L1-8	
Poles	8/750	Poles
Power	0.75	Kw
Voltage	400	V
Frequency	50	Hz
Speed	685	rpm
Nominal current	2.43	A
Power factor	0.65	
Efficiency 100%	68.5	%
Efficiency 75%	68.0	%
Efficiency 50%	62.7	%
Torque	10.46	N.m
Ta/Tn	1.9	
Ia/In	3.6	
Tm/Tn	1.8	

Mechanical Data

Shaft height	100
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	59 dB(A)
Weight	17.6 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	AC5	Brake torque	40	N.m

Applicable forced ventilations

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

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