

Technical Data Sheet
Electric Motor Three phase in Aluminum IE4



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	UM4A 100L2-4
Poles	4/1500 Poles
Power	3.00 Kw
Voltage	400 V
Frequency	50 Hz
Speed	1460 rpm
Nominal current	6.39 A
Power factor	0.75
Efficiency 100%	90.4 %
Efficiency 75%	89.7 %
Efficiency 50%	88.1 %
Torque	19.62 N.m
Ta/Tn	3.8
Ia/In	9.5
Tm/Tn	3.4

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	33 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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