

Technical Data Sheet
Electric Motor Three phase in Aluminum -



L (standard motor)

400

L (motor w/brake)

470

L (motor w/forced ventilation)

510

L (motor without ventilation)

342

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
112	190	140	70	12	28j6	60	8	24	31	M10x22	227	183	220	279	-	-	-	-	-

Electrical Data

Type	UMDA 112M-2/4	
Poles	2/4	Poles
Power	4,5 / 4	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2860 / 1430	rpm
Nominal current	9,92 / 8,5	A
Power factor	0,85 / 0,86	
Efficiency 100%	77 / 79	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	15,03 / 26,71	N.m
Ta/Tn	2,0 / 1,8	
Ia/In	5,5 / 5,0	
Tm/Tn	2,2 / 2,0	

Mechanical Data

Shaft height	112
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	- dB(A)
Weight	30.5 kg
Bearing DE	6306 ZZ C3
Bearing NDE	6206 ZZ C3

Extra Data

Applicable brakes

DC brake	REB-05-14	Brake torque	60	N.m
AC brake	AC6	Brake torque	60	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	80	W
Three-phase forced ventilation	Power	80	W

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