

Technical Data Sheet
Electric Motor Three phase in Aluminum -



L (standard motor)

345

L (motor w/brake)

390

L (motor w/forced ventilation)

447

L (motor without ventilation)

290

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
90	140	125	56	10	24j6	50	8	20	27	M8x19	180	157	176	245	-	-	-	-	-

Electrical Data

Type	UMDA 90L-4/8	
Poles	4/8	Poles
Power	0,8 / 0,45	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1400 / 690	rpm
Nominal current	2,05 / 1,95	A
Power factor	0,83 / 0,63	
Efficiency 100%	68 / 53	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	5,46 / 6,23	N.m
Ta/Tn	1,8 / 1,6	
Ia/In	4,0 / 3,0	
Tm/Tn	1,9 / 1,8	

Mechanical Data

Shaft height	90
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	14.6 kg
Bearing DE	6205 2Z C3
Bearing NDE	6205 2Z C3

Extra Data

Applicable brakes

DC brake	REB-05-10	Brake torque	16	N.m
AC brake	AC4	Brake torque	20	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	45	W
Three-phase forced ventilation	Power	45	W

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