

Technical Data Sheet

Electric Motor Three phase in Aluminum -



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	UMDA 100L1-2/4	
Poles	2/4	Poles
Power	2,4 / 1,84	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2830 / 1410	rpm
Nominal current	5,52 / 4,21	A
Power factor	0,86 / 0,83	
Efficiency 100%	73 / 76	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	8,1 / 12,46	N.m
Ta/Tn	2,0 / 2,0	
Ia/In	5,5 / 5,0	
Tm/Tn	2,0 / 2,0	

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	- dB(A)
Weight	21 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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