

Technical Data Sheet
Electric Motor Three phase in Aluminum -



L (standard motor)

315

L (motor w/brake)

355

L (motor w/forced ventilation)

417

L (motor without ventilation)

265

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	100	56	10	24j6	50	8	20	27	M8x19	180	132	176	245	-	-	-	-	-

Electrical Data

Type	UMDA 90S-4/8	
Poles	4/8	Poles
Power	1,1 / 0,18	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1400 / 710	rpm
Nominal current	2,67 / 1,08	A
Power factor	0,79 / 0,48	
Efficiency 100%	75 / 59,5	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	7,5 / 2,53	N.m
Ta/Tn	2,0 / 2,6	
Ia/In	4,6 / 2,6	
Tm/Tn	2,8 / 3,3	

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	14.3 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

Universal Motors S.A.
Rua Comendador Brandão, 484
4495-375 Póvoa de Varzim
geral@universalmotors.pt
TEL.: 252 299 080

Universal Motors UK, Ltd
Unit E2, Meltham Mills Road
West Yorkshire HD9 4AR
enquiries@universalmotors-group.co.uk
TEL.: +44(0) 1484660222

Universal Motors SL
C/La Habana n.6 nave 4 PI Camporoso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213