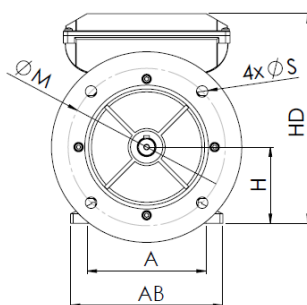
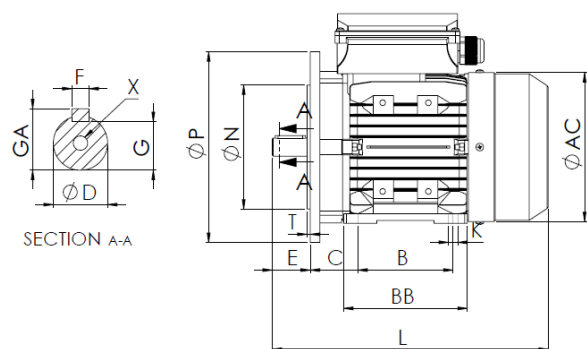


Technical Data Sheet
Electric Motor 1 phase in Aluminum IE1



UNIVERSAL
MOTORS



L (standard motor)

354

L (motor w/brake)

NA

L (motor w/forced ventilation)

458

L (motor without ventilation)

311

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	165	130	200	12	3.5

Electrical Data

Type	UCC 90L-4	
Poles	4/1500	Poles
Power	1.50	Kw
Voltage	230	V
Frequency	50	Hz
Speed	1400	rpm
Nominal current	8.89	A
Power factor	0.95	
Efficiency 100%	77.2	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	10.23	N.m
Ta/Tn	2.5	
Ia/In	5.1	
Tm/Tn	1.7	

Mechanical Data

Shaft height	90	
Construction form	B35	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	-	dB(A)
Weight	16	kg
Bearing DE	6205 2Z C3	
Bearing NDE	6204 2Z C3	

Extra Data

Applicable brakes

DC brake	NA	Brake torque	NA	N.m
AC brake	NA	Brake torque	NA	N.m

Applicable forced ventilations

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