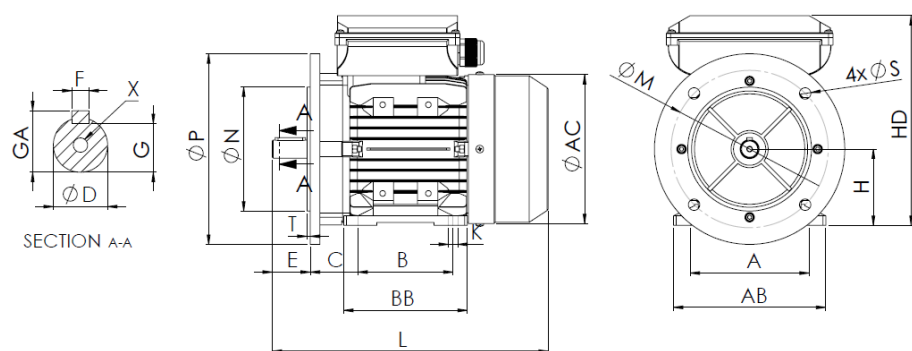


Technical Data Sheet
Electric Motor 1 phase in Aluminum IE1



L (standard motor)

416

L (motor w/brake)

NA

L (motor w/forced ventilation)

522

L (motor without ventilation)

320

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	265	215	180	250	15	4

Electrical Data

Type	UCC 100LX-4		
Poles	4/1500	Poles	
Power	3.00	Kw	
Voltage	230	V	
Frequency	50	Hz	
Speed	1400	rpm	
Nominal current	16.80	A	
Power factor	0.95		
Efficiency 100%	81.5	%	
Efficiency 75%	-	%	
Efficiency 50%	-	%	
Torque	20.46	N.m	
Ta/Tn	2.5		
Ia/In	5.7		
Tm/Tn	1.7		

Mechanical Data

Shaft height	100
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	31 kg
Bearing DE	6206 2Z C3
Bearing NDE	6206 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	65	W
Three-phase forced ventilation	Power	NA	W