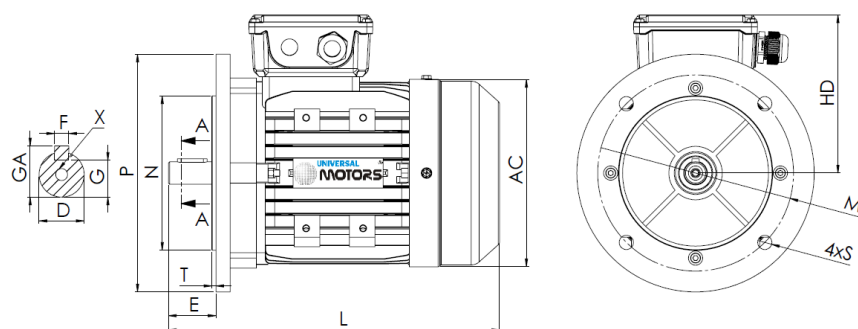


Technical Data Sheet
Electric Motor Three phase in Aluminum IE1



L (standard motor)

375

L (motor w/brake)

450

L (motor w/forced ventilation)

490

L (motor without ventilation)

329

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
-	-	-	-	-	28j6	60	8	24	31	M10x22	-	-	205	160	215	180	250	15	4

Electrical Data

Type	BF31/UMA* 100L1-8		
Poles	8/750	Poles	
Power	0.75	Kw	
Voltage	400	V	
Frequency	50	Hz	
Speed	700	rpm	
Nominal current	2.29	A	
Power factor	0.67		
Efficiency 100%	71.0	%	
Efficiency 75%	-	%	
Efficiency 50%	-	%	
Torque	10.23	N.m	
Ta/Tn	1.8		
Ia/In	4.0		
Tm/Tn	2		

Mechanical Data

Shaft height	-
Construction form	B5
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	59 dB(A)
Weight	20 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