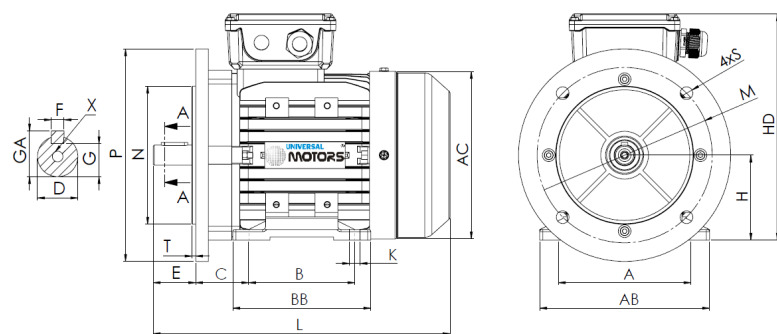


Technical Data Sheet
Electric Motor Three phase in Aluminum IE3



L (standard motor)

313

L (motor w/brake)

385

L (motor w/forced ventilation)

425

L (motor without ventilation)

279

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	175	130	182	235	165	130	200	12	3.5

Electrical Data

Type	PE31/UM3A* 90S-4	
Poles	4/1500	Poles
Power	1.10	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1435	rpm
Nominal current	2.52	A
Power factor	0.75	
Efficiency 100%	84.1	%
Efficiency 75%	83.9	%
Efficiency 50%	82.1	%
Torque	7.32	N.m
Ta/Tn	2.3	
Ia/In	6.6	
Tm/Tn	2.3	

Mechanical Data

Shaft height	90
Construction form	B35
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	66 dB(A)
Weight	16 kg
Bearing DE	6205 2Z C3
Bearing NDE	6204 2Z C3

Extra Data

Applicable brakes

DC brake	REB-05-10	Brake torque	16	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	45	W