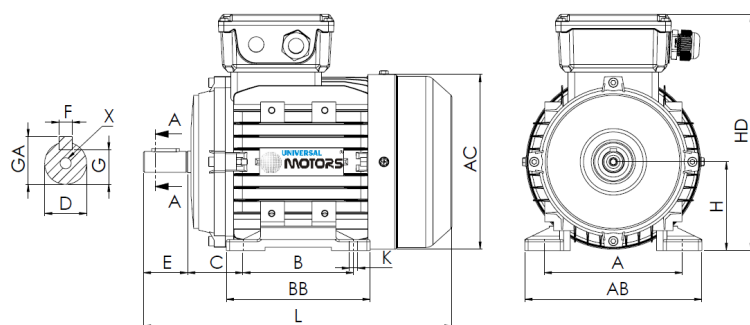


Technical Data Sheet
Electric Motor Three phase in Aluminum IE3



L (standard motor)

390

L (motor w/brake)

490

L (motor w/forced ventilation)

505

L (motor without ventilation)

340

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
112	190	140	70	12	28j6	60	8	24	31	M10x22	220	180	230	286	-	-	-	-	-

Electrical Data

Type	PE31/UM3A*
	112M-8
Poles	8/750
Power	1.50
Voltage	400
Frequency	50
Speed	710
Nominal current	3.89
Power factor	0.70
Efficiency 100%	79.7
Efficiency 75%	78.9
Efficiency 50%	77.2
Torque	20.17
Ta/Tn	2
Ia/In	4.5
Tm/Tn	2.4

Mechanical Data

Shaft height	112
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	64
Weight	29.5
Bearing DE	6306 2Z C3
Bearing NDE	6306 2Z C3

Extra Data

Applicable brakes

DC brake	REB-05-14	Brake torque	60	N.m
AC brake	NA	Brake torque	NA	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	80	W
Three-phase forced ventilation	Power	80	W

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