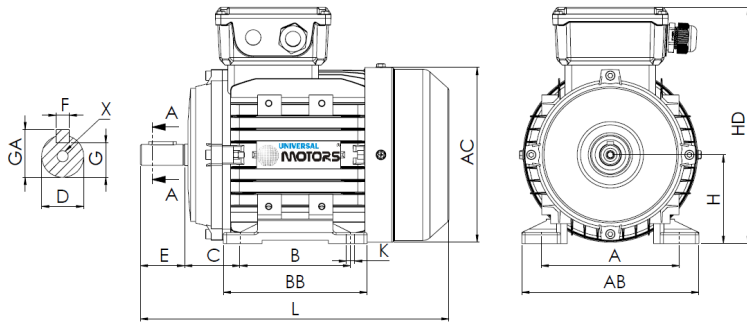


Technical Data Sheet
 Electric Motor Three phase in Aluminum IE3



L (standard motor)

384

L (motor w/brake)

460

L (motor w/forced ventilation)

495

L (motor without ventilation)

339

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	198	176	205	252	-	-	-	-	-

Electrical Data			Mechanical Data		
Type	PE31/UM3A*		Shaft height	100	
	100L2-4		Construction form	B3	
Poles	4/1500	Poles	Mechanical protection	55	
Power	3.00	Kw	Heating class	B	
Voltage	400	V	Insulation class	F	
Frequency	50	Hz	Service	S1	
Speed	1460	rpm	Ambient temp.	-10°C-40°C	
Nominal current	6.33	A	Altitude	1000	
Power factor	0.78		Noise	70	dB(A)
Efficiency 100%	87.7	%	Weight	31	kg
Efficiency 75%	86.6	%	Bearing DE	6206 2Z C3	
Efficiency 50%	84.5	%	Bearing NDE	6206 2Z C3	
Torque	19.62	N.m			
Ta/Tn	2.3				
Ia/In	7.6				
Tm/Tn	2.3				

Extra Data

Applicable brakes

DC brake	REB-05-12	Brake torque	32	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	65	W

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