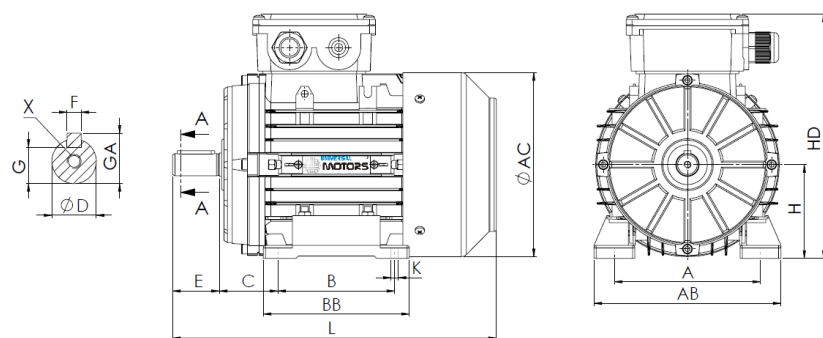


Technical Data Sheet
Electric Motor Three phase in Aluminum IE3



L (standard motor)

310

L (motor w/brake)

NA

L (motor w/forced ventilation)

392

L (motor without ventilation)

267

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
80	125	100	50	10	19j6	40	6	15.5	21.5	M6x16	162	127	158	228	-	-	-	-	-

Electrical Data

Type	UM3A 80M3-4	
Poles	4/1500	Poles
Power	1.10	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1430	rpm
Nominal current	2.55	A
Power factor	0.74	
Efficiency 100%	84.1	%
Efficiency 75%	84.9	%
Efficiency 50%	83.7	%
Torque	7.3	N.m
Ta/Tn	3	
Ia/In	6.6	
Tm/Tn	3.1	

Mechanical Data

Shaft height	80	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	61	dB(A)
Weight	13.8	kg
Bearing DE	6204 2Z C3	
Bearing NDE	6204 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	45	W
Three-phase forced ventilation	Power	45	W

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