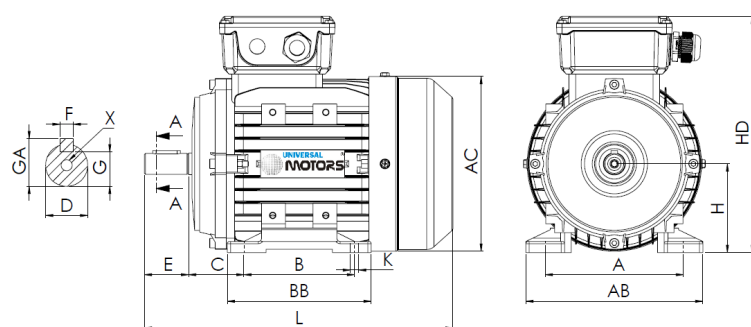


Technical Data Sheet

Electric Motor Three phase in Aluminum IE3



L (standard motor)

610

L (motor w/brake)

NA

L (motor w/forced ventilation)

730

L (motor without ventilation)

552

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
160	254	210	108	15	42k6	110	12	37	45	M16x36	290	294	326	390	-	-	-	-	-

Electrical Data

Type	PE31/UM3A* 160M-6	
Poles	6/1000	Poles
Power	7.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	975	rpm
Nominal current	15.38	A
Power factor	0.79	
Efficiency 100%	89.1	%
Efficiency 75%	89.6	%
Efficiency 50%	88.4	%
Torque	73.45999999999999N.m	
Ta/Tn	2.1	
Ia/In	6.7	
Tm/Tn	2.1	

Mechanical Data

Shaft height	160
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	73 dB(A)
Weight	90 kg
Bearing DE	6309 2Z C3
Bearing NDE	6209 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	NA	W
Three-phase forced ventilation	Power	60	W

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