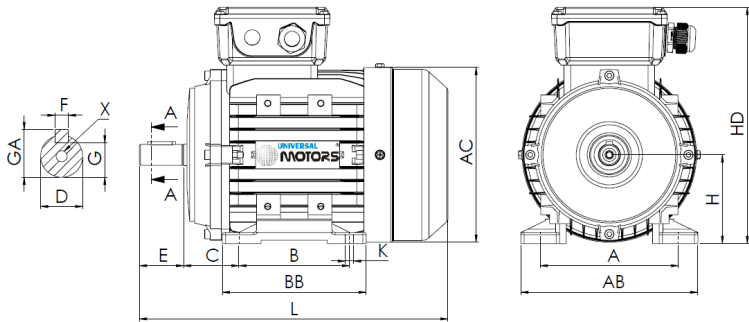


Technical Data Sheet
Electric Motor Three phase in Aluminum IE3



- 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				Mechanical Data			
Type	PE31/UM3A* 160M-6			Shaft height	160		
Poles	6/1000	Poles		Construction form	B3		
Power	7.50	Kw		Mechanical protection	55		
Voltage	400	V		Heating class	B		
Frequency	50	Hz		Insulation class	F		
Speed	975	rpm		Service	S1		
Nominal current	15.38	A		Ambient temp.	-10°C-40°C		
Power factor	0.79			Altitude	1000		
Efficiency 100%	89.1	%		Noise	73	dB(A)	
Efficiency 75%	89.6	%		Weight	90	kg	
Efficiency 50%	88.4	%		Bearing DE	6309 2Z C3		
Torque	73.45999999999999N.m			Bearing NDE	6209 2Z C3		
Ta/Tn	2.1						
Ia/In	6.7						
Tm/Tn	2.1						

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