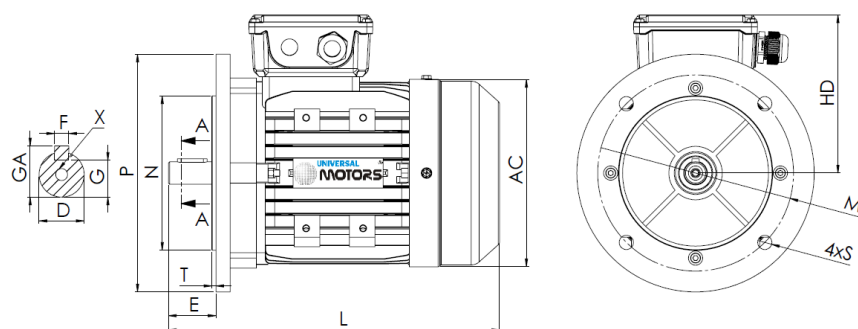


Technical Data Sheet
Electric Motor Three phase in Aluminum IE3



L (standard motor)

636

L (motor w/brake)

NA

L (motor w/forced ventilation)

755

L (motor without ventilation)

577

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
-	-	-	-	-	42k6	110	12	37	45	M16x36	-	-	326	235	300	250	350	15	5

Electrical Data

Type	PE31/UM3A* 160L-4		
Poles	4/1500	Poles	
Power	15.00	Kw	
Voltage	400	V	
Frequency	50	Hz	
Speed	1475	rpm	
Nominal current	27.66	A	
Power factor	0.85		
Efficiency 100%	92.1	%	
Efficiency 75%	91.9	%	
Efficiency 50%	90.6	%	
Torque	97.11	N.m	
Ta/Tn	2.2		
Ia/In	7.5		
Tm/Tn	2.3		

Mechanical Data

Shaft height	-
Construction form	B5
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	77 dB(A)
Weight	126 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