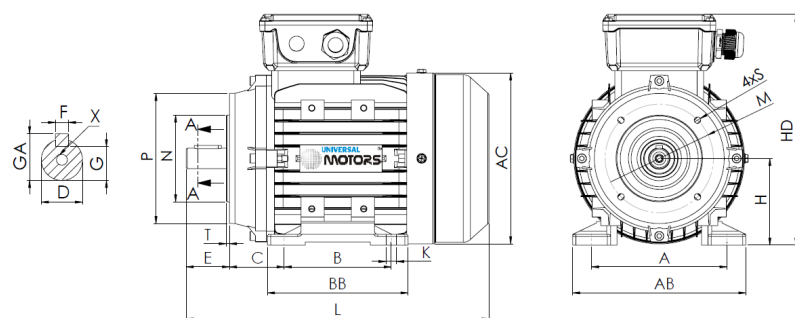


Technical Data Sheet

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	215	180	250	M12	4

Electrical Data

Type	PE31/UM3A*	
	160M1-2	
Poles	2/3000	Poles
Power	11.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2965	rpm
Nominal current	19.56	A
Power factor	0.89	
Efficiency 100%	91.2	%
Efficiency 75%	90.1	%
Efficiency 50%	87.7	%
Torque	35.43	N.m
Ta/Tn	2.2	
Ia/In	7.9	
Tm/Tn	2.3	

Mechanical Data

Shaft height	160	
Construction form	B34	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	87	dB(A)
Weight	100	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

Universal Motors S.A.
Rua Comendador Brandão, 484
4495-375 Póvoa de Varzim
geral@universalmotors.pt
TEL.: 252 299 080

Universal Motors UK, Ltd
Unit E2, Meltham Mills Road
West Yorkshire HD9 4AR
enquiries@universalmotors-group.co.uk
TEL.: +44(0) 1484660222

Universal Motors SL
C/La Habana n.6 nave 4 Pl Camporoso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213