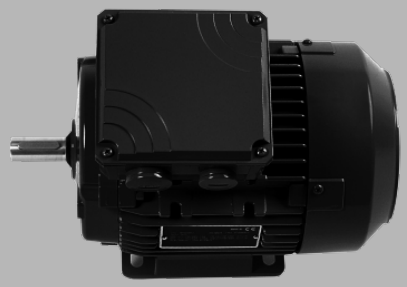
LAFERTGROUP
Member of Sumitomo Drive Technologies



AC Three-phase Motors - IE4/IE3/IE2/IE1

TWO SPEED MOTORS

- Reliability and efficiency in a well-designed robust package
- Extensive customization options ensure motors match application needs

TECHNICAL DATA

Motor Type	AM 160L ZA4/2 - 12.5/15 kW - 4/2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 160L ZA
Poles	4/2
kW	12.5/15
HP	17/20.4
rpm	1470/2955
Mn Nm	81.2/48.5
η 100%	89.4/90.0
cos Phi	0.74/0.9
I_N 400V	27.4/26.8
I_N 380-420V	29/28.2
I_A/I_N	4.8/7.4
M_A/M_N	2.1/2.3
J 10-³ kgm²	64.0
kg	108.7

Mechanical Data

Design	Aluminium
Degree of protection	IP 55
Bearings DE/NDE	6309/2Z
Lubrication grease	low & high temperature grease
Regreasing device horizontal	permanent lubrication
Regreasing device vertical	permanent lubrication
Cooling	IC 411
Vibration Level	A (normal)
Noise Lpa db(A)	74

Electrical Data

Voltage	400V - 50Hz
Connection	DAHLANDER - ?/YY