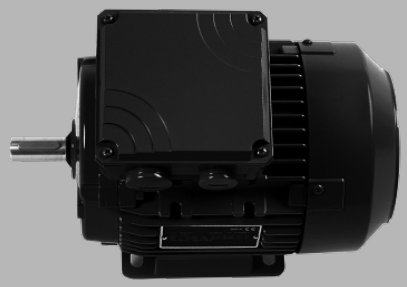
LAFERTGROUP
Member of Sumitomo Drive Technologies



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 100L AA4/2 - 1.8/2.5 kW - 4/2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 100L AA
Poles	4/2
kW	1.8/2.5
HP	2.5/3.35
rpm	1420/2865
Mn Nm	12.1/8.3
η 100%	78.5/77.4
cos Phi	0.76/0.84
I_N 400V	4.5/5.6
I_N 380-420V	4.7/5.8
I_A/I_N	5.2/5.5
M_A/M_N	2.2/2.2
J 10-³ kgm²	4.6
kg	21.4

Mechanical Data

Design	Aluminium
Degree of protection	IP 55
Bearings DE/NDE	6206/2Z
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)	66

Electrical Data

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