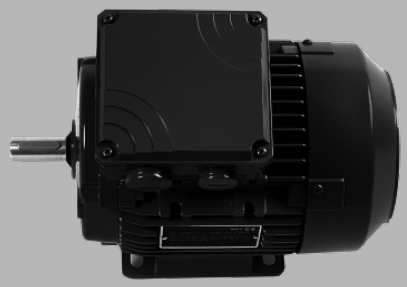
LAFERTGROUP
Member of Sumitomo Drive Technologies



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 112M AA8/4 - 1/1.8 kW - 8/4 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 112M AA
Poles	8/4
kW	1/1.8
HP	1.34/2.5
rpm	710/1445
Mn Nm	13.5/11.9
η 100%	66.1/78.5
cos Phi	0.61/0.82
I_N 400V	4.1/4.1
I_N 380-420V	4.4/4.2
I_A/I_N	3.9/6.3
M_A/M_N	2.2/2.1
J 10-³ kgm²	14.18
kg	31.7

Mechanical Data

Design	Aluminium
Degree of protection	IP 55
Bearings DE/NDE	6306/2Z
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)	53

Electrical Data

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