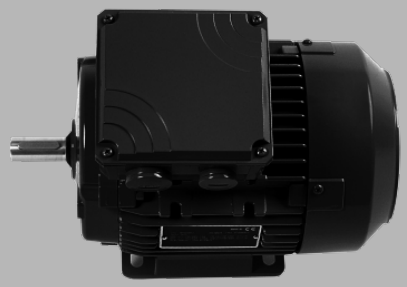
LAFERTGROUP
Member of Sumitomo Drive Technologies



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 AA4/6 - 1.8/1.3 kW - 4/6 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 112M AA
Poles	4/6
kW	1.8/1.3
HP	2.5/1.75
rpm	1445/950
Mn Nm	11.9/13.1
η 100%	74.6/69.5
cos Phi	0.85/0.78
I_N 400V	4.2/3.6
I_N 380-420V	4.4/3.7
I_A/I_N	5.9/3.8
M_A/M_N	1.9/1.3
J 10-³ kgm²	14.18
kg	33.3

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	SEPARATE WINDINGS