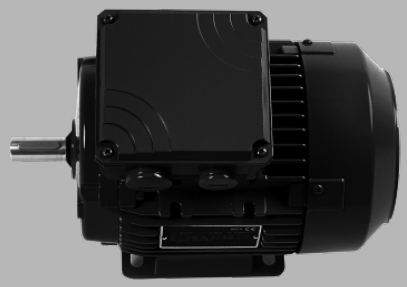
LAFERTGROUP
Member of Sumitomo Drive Technologies



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	AMV 112M AA4/6 - 3/1 kW - 4/6 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMV 112M AA
Poles	4/6
kW	3/1
HP	4/1.34
rpm	1440/970
Mn Nm	19.9/9.8
η 100%	80/73
cos Phi	0.81/0.65
I_N 400V	6.6/3
I_N 380-420V	6.8/3.2
I_A/I_N	5.8/4.6
M_A/M_N	2.5/2.1
J 10-³ kgm²	13.3
kg	30.4

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