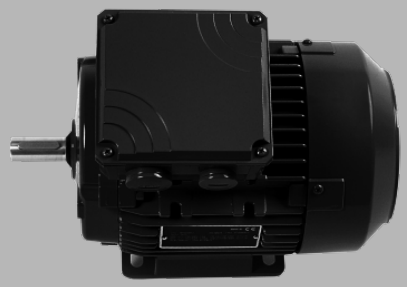
LAFERTGROUP
Member of Sumitomo Drive Technologies



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 AA4/2 - 0.75/3.7 kW - 4/2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMV 112M AA
Poles	4/2
kW	0.75/3.7
HP	1/5
rpm	1440/2850
Mn Nm	5/12.4
η 100%	74/72
cos Phi	0.8/0.9
I_N 400V	1.7/7.9
I_N 380-420V	1.9/2.2
I_A/I_N	4.5/5.1
M_A/M_N	2/2.4
J 10^{-3} kgm²	13.3
kg	36.1

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)	68

Electrical Data

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