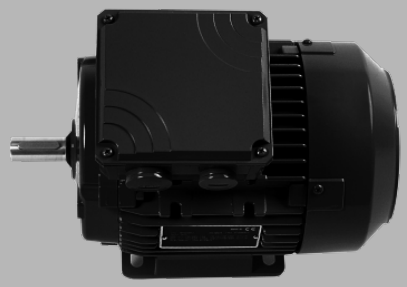
LAFERTGROUP
Member of Sumitomo Drive Technologies



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 100L AA8/4 - 0.45/2.2 kW - 8/4 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMV 100L AA
Poles	8/4
kW	0.45/2.2
HP	0.6/3
rpm	680/1420
Mn Nm	6.3/14.8
η 100%	63.1/75.3
cos Phi	0.6/0.8
I_N 400V	1.7/5
I_N 380-420V	1.9/5.3
I_A/I_N	2.7/4.7
M_A/M_N	1.7/2
J 10^{-3} kgm²	5.58
kg	21.9

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)	50

Electrical Data

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