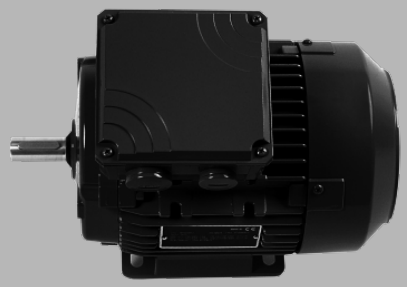
LAFERTGROUP
Member of Sumitomo Drive Technologies



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 160M AA4/2 - 2.8/11 kW - 4/2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMV 160M AA
Poles	4/2
kW	2.8/11
HP	3.8/15
rpm	1440/2940
Mn Nm	18.6/35.7
η 100%	82.5/88.2
cos Phi	0.78/0.9
I_N 400V	6.3/20
I_N 380-420V	7/20.4
I_A/I_N	5/7.5
M_A/M_N	2/2.1
J 10-³ kgm²	51.75
kg	94.0

Mechanical Data

Design	Aluminium
Degree of protection	IP 55
Bearings DE/NDE	6309/2Z
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)	74

Electrical Data

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