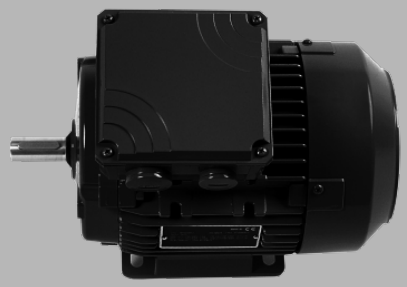
LAFERTGROUP
Member of Sumitomo Drive Technologies



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 BA4/2 - 3.3/13.5 kW - 4/2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMV 160M BA
Poles	4/2
kW	3.3/13.5
HP	4.5/18.3
rpm	1440/2920
Mn Nm	21.9/44.2
η 100%	83/88.5
cos Phi	0.8/0.92
I_N 400V	7.2/24
I_N 380-420V	7.5/24
I_A/I_N	5.5/7.5
M_A/M_N	2/2.2
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