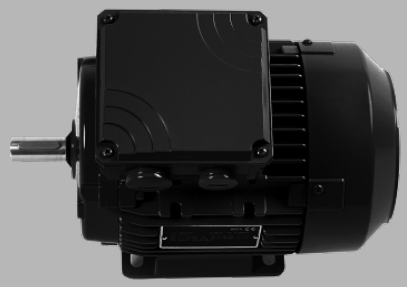
LAFERTGROUP
Member of Sumitomo Drive Technologies



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 CA4/2 - 4.4/18.5 kW - 4/2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMV 160M CA
Poles	4/2
kW	4.4/18.5
HP	6.0/25.1
rpm	1450/2940
Mn Nm	29/60.1
η 100%	85.5/89.5
cos Phi	0.83/0.92
I_N 400V	9/32.5
I_N 380-420V	9.5/33
I_A/I_N	5.5/7.5
M_A/M_N	2/2.2
J 10^{-3} kgm²	64.0
kg	108.7

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