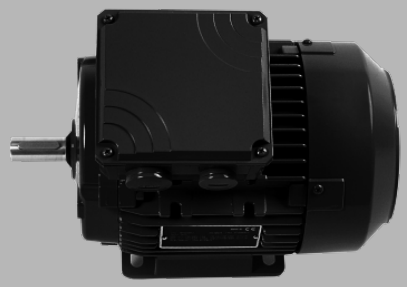
LAFERTGROUP
Member of Sumitomo Drive Technologies



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 80Z AA8/4 - 0.12/0.55 kW - 8/4 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMV 80Z AA
Poles	8/4
kW	0.12/0.55
HP	0.16/0.75
rpm	685/1420
Mn Nm	1.7/3.7
η 100%	50/69
cos Phi	0.6/0.74
I_N 400V	0.58/1.53
I_N 380-420V	0.65/1.6
I_A/I_N	1.9/3.3
M_A/M_N	1.4/1.5
J 10^{-3} kgm²	2.47
kg	9.2

Mechanical Data

Design	Aluminium
Degree of protection	IP 55
Bearings DE/NDE	6204/2Z
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)	48

Electrical Data

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