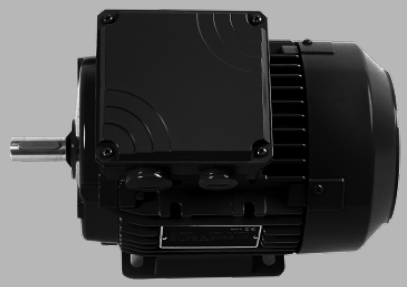
LAFERTGROUP
Member of Sumitomo Drive Technologies



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	AM 90S AA8/4 - 0.37/0.75 kW - 8/4 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 90S AA
Poles	8/4
kW	0.37/0.75
HP	0.5/1
rpm	690/1385
Mn Nm	5.1/5.2
η 100%	52.2/67.1
cos Phi	0.58/0.82
I_N 400V	1.8/2
I_N 380-420V	1.9/2.1
I_A/I_N	2.8/3.9
M_A/M_N	1.9/1.8
J 10-³ kgm²	3.18
kg	13.5

Mechanical Data

Design	Aluminium
Degree of protection	IP 55
Bearings DE/NDE	6205/2Z
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)	49

Electrical Data

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