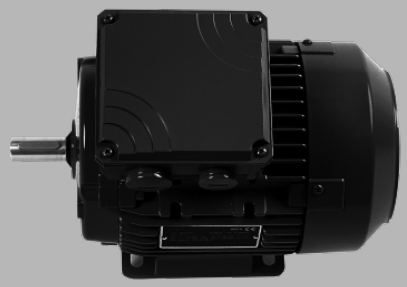
LAFERTGROUP
Member of Sumitomo Drive Technologies



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 90L BA4/2 - 1.6/2 kW - 4/2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 90L BA
Poles	4/2
kW	1.6/2
HP	2.15/2.7
rpm	1390/2810
Mn Nm	11/6.8
η 100%	73.5/75.5
cos Phi	0.78/0.86
I_N 400V	4/4.6
I_N 380-420V	4.1/4.7
I_A/I_N	4.1/5.5
M_A/M_N	2.7/2.6
J 10^{-3} kgm²	3.73
kg	17.1

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)	62

Electrical Data

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