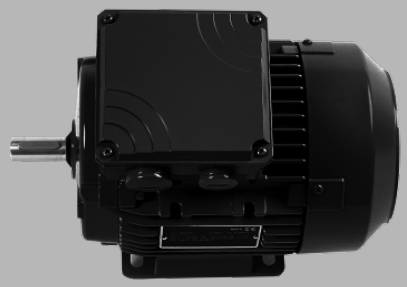
LAFERTGROUP
Member of Sumitomo Drive Technologies



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 160M YA4/6 - 5.5/3.7 kW - 4/6 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 160M YA
Poles	4/6
kW	5.5/3.7
HP	7.5/5
rpm	1480/970
Mn Nm	35.5/36.4
η 100%	84/81.4
cos Phi	0.79/0.73
I_N 400V	12/9
I_N 380-420V	12.9/9.6
I_A/I_N	7.5/4.5
M_A/M_N	2.5/1.6
J 10-³ kgm²	81.25
kg	88.5

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)	62

Electrical Data

Voltage	400V - 50Hz
Connection	SEPARATE WINDINGS