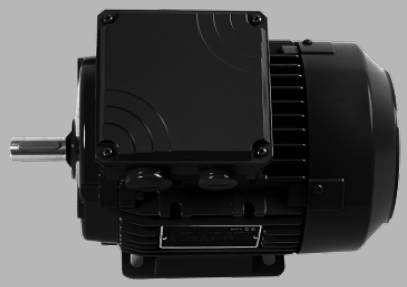
LAFERTGROUP
Member of Sumitomo Drive Technologies



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 ZA8/4 - 4.8/7.5 kW - 8/4 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 160M ZA
Poles	8/4
kW	4.8/7.5
HP	6.5/10
rpm	730/1470
Mn Nm	62.8/48.7
η 100%	80/85
cos Phi	0.65/0.85
I_N 400V	13.2/15
I_N 380-420V	14/16
I_A/I_N	4.5/6.5
M_A/M_N	1.8/1.6
J 10^{-3} kgm²	105.75
kg	106.5

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	DAHLANDER - ?/YY