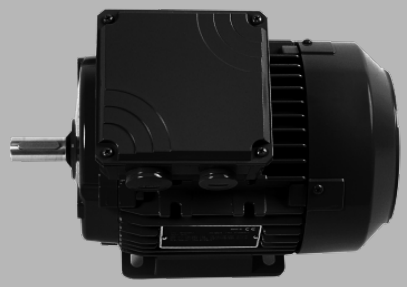
LAFERTGROUP
Member of Sumitomo Drive Technologies



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 ZA4/6 - 7.5/4.8 kW - 4/6 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 160M ZA
Poles	4/6
kW	7.5/4.8
HP	10.2/6.5
rpm	1465/960
Mn Nm	48.9/47.7
η 100%	85/82.6
cos Phi	0.83/0.75
I_N 400V	15.4/11.2
I_N 380-420V	15.8/11.5
I_A/I_N	7.4/4.6
M_A/M_N	2.4/1.6
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