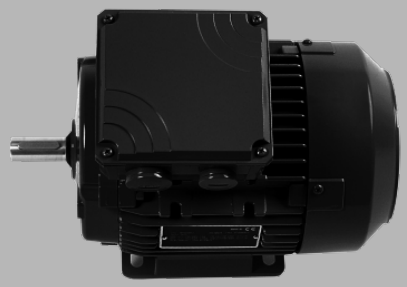
LAFERTGROUP
Member of Sumitomo Drive Technologies



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	AMV 160M YA6/8 - 5.5/2.2 kW - 6/8 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMV 160M YA
Poles	6/8
kW	5.5/2.2
HP	7.5/3
rpm	970/730
Mn Nm	54.1/28.8
η 100%	83/76
cos Phi	0.77/0.6
I_N 400V	12.5/7
I_N 380-420V	13.5/7.5
I_A/I_N	5.7/5.6
M_A/M_N	1.6/1.9
J 10-³ kgm²	112.7
kg	88.0

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)	58

Electrical Data

Voltage	400V - 50Hz
Connection	SEPARATE WINDINGS