



AC Three-phase Motors - IE4/IE3/IE2/IE1

STANDARD EFFICIENCY MOTORS - IE1

- Reliability and efficiency in a well-designed robust package
- Extensive customization options ensure motors match application needs



TECHNICAL DATA

Motor Type

AM 132M BA4 - 7.5 kW - 4 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 132M BA
Poles	4
kW	7.5
HP	10
rpm	1460
Mn Nm	49.7
η 50%	85.8
η 75%	87.6
η 100%	86.0
cos Phi	0.84
I _N 400V	14.9
I _N 380-420V	15.5
I _A /I _N	8.2
M _A /M _N	2.6

M_S/M_N	2.4
M_K/M_N	3.7
$J \cdot 10^{-3} \text{ kgm}^2$	27.8
kg	51.0

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6208/2Z
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)	59

Electrical Data

Voltage	400V - 50Hz
Connection	?/Y 400/690V
Duty type	S1
Thermal protection	na
Insulation class	F
Direction of rotation	bidirectional
Ambient temperature	-20°C / +40 °C
Altitude	1000 m.a.s.l.